

**MASTER CURRICULUM FILE  
COURSE LISTING  
SORTED BY 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	<b>CAS</b>	<b>1110</b>	<b>Tradition and Inquiry in the Classical World</b>	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	<b>CAS</b>	<b>1110</b>	<b>Tradition and Inquiry in the Classical World</b>	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	<b>CAS</b>	<b>1120</b>	<b>Tradition and Inquiry in the Medieval and Renaissance Worlds</b>	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	<b>CAS</b>	<b>1120</b>	<b>Tradition and Inquiry in the Medieval and Renaissance Worlds</b>	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	<b>CAS</b>	<b>1130</b>	<b>Career Planning in the Liberal Arts</b>	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	<b>CAS</b>	<b>1415</b>	<b>Introduction to Sustainability</b>	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	<b>CAS</b>	<b>1425</b>	<b>War, Peace and Security</b>	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	<b>CAS</b>	<b>1605</b>	<b>Experience Ohio: Gaining a Sense of Place</b>	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	<b>CAS</b>	<b>2000</b>	<b>Foundations in Forensic Studies</b>	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	<b>CAS</b>	<b>2110</b>	<b>The Big Idea</b>	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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A&S	A&S	<b>CAS</b>	<b>2130C</b>	<b>Career Strategies: Internship and Job Mapping</b>	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	<b>CAS</b>	<b>2300</b>	<b>Themes in Action</b>	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	<b>CAS</b>	<b>2402</b>	<b>Transitions: From Campus to Career Success to Wealth Creation and Protection</b>	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	<b>CAS</b>	<b>2405</b>	<b>Knowing What We Know</b>	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	<b>CAS</b>	<b>2405</b>	<b>Knowing What We Know</b>	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	<b>CAS</b>	<b>2410</b>	<b>The Principles and Practice of Food Justice</b>	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	<b>CAS</b>	<b>2411</b>	<b>Food Matters! Explorations in Food Across the Liberal Arts</b>	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	<b>CAS</b>	<b>2600</b>	<b>Tech Matters</b>	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	<b>CAS</b>	<b>2900</b>	<b>Special Topics in College of Arts and Sciences</b>	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	<b>CAS</b>	<b>4410</b>	<b>Seminar in How Food Works in the Community</b>	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	<b>CAS</b>	<b>4413</b>	<b>The Art of Craft Brewing: The Athens Case Study</b>	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	<b>CAS</b>	<b>4911</b>	<b>Internship in How Food Works in the Community</b>	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	<b>CAS</b>	<b>5413</b>	<b>The Art of Craft Brewing: The Athens Case Study</b>	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	<b>CAS</b>	<b>5700</b>	<b>Data and Knowledge</b>	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	<b>CAS</b>	<b>5710</b>	<b>Introduction to Data Analysis</b>	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	<b>CAS</b>	<b>5720</b>	<b>Data Visualization and Communication</b>	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	<b>CAS</b>	<b>5911</b>	<b>Internship in How Food Works in the Community</b>	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	<b>CAS</b>	<b>5960</b>	<b>Practices in Engineering, Mathematics, and Science</b>	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	<b>LJC</b>	<b>2000</b>	<b>Core Course in Law, Justice, &amp; Culture</b>	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	<b>LJC</b>	<b>3915</b>	<b>Post-Externship Seminar in Law, Justice &amp; Culture</b>	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	<b>LJC</b>	<b>4910</b>	<b>Legal Internship in Law, Justice &amp; Culture</b>	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	<b>LJC</b>	<b>4911</b>	<b>Legal Internship Seminar in Law, Justice &amp; Culture</b>	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	<b>LJC</b>	<b>4930</b>	<b>Independent Study in Law, Justice &amp; Culture</b>	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	<b>LJC</b>	<b>4940</b>	<b>Independent Research in Law, Justice &amp; Culture</b>	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	<b>LJC</b>	<b>4945</b>	<b>Externship in Law, Justice &amp; Culture</b>	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	<b>LJC</b>	<b>4965</b>	<b>Legal Practice Workshop</b>	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	<b>LJC</b>	<b>6000</b>	<b>Proseminar in Law, Justice &amp; Culture</b>	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	<b>LJC</b>	<b>6500</b>	<b>Research Methods in Law, Justice &amp; Culture</b>	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	<b>LJC</b>	<b>6800</b>	<b>Research Capstone in Law, Justice &amp; Culture</b>	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	<b>LJC</b>	<b>6930</b>	<b>Independent Study in Law, Justice &amp; Culture</b>	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	<b>LJC</b>	<b>6940</b>	<b>Independent Research in Law, Justice &amp; Culture</b>	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	<b>LJC</b>	<b>6950</b>	<b>Thesis in Law, Justice &amp; Culture</b>	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	<b>LJC</b>	<b>6965</b>	<b>Legal Practice Workshop</b>	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	<b>T3</b>	<b>4400</b>	<b>Seminar in Wealth and Poverty</b>	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	<b>T3</b>	<b>4414</b>	<b>The True Value of Food</b>	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	<b>T3</b>	<b>4414</b>	<b>The True Value of Food</b>	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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COURSE LISTING  
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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	<b>AAS</b>	<b>1010</b>	<b>African American History I, 1526-1875</b>	Lecture	3	0	2SS; PSBS	N	U10		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: Examines economic, demographic, social, cultural and political topics in African American history from African origins to the Emancipation era. The evolution of race relations is an important component of this course, but the major emphasis will be placed on the experiences of Black people, the development of rural communities, and the potentiality and challenges facing interracial cooperation, within the framework of larger socio-economic and political processes in U. S. history.								
A&S	AAS	<b>AAS</b>	<b>1060</b>	<b>Introduction to African American Studies</b>	Lecture	3	0		N	U10		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: Unlike most established disciplines, there is to be a lack of consensus among Africana Studies scholars as to what exactly is African American/Afro-American/Africana/Pan African/Black Studies, and/or what constitutes the nature and scope of the discipline. The National Council for Black Studies, the leading organization of Black Studies professionals in the world, defines it as a discipline that investigates African peoples' experiences from the perspective of their interests, aspirations, possibilities, and envisioned destinies. Experiences that range from the earliest human civilizations to the tragic era of enslavement, colonization, forced migration, displacement and the reconstruction of African peoples humanity and life ways.								
				This introductory course investigates the foundation, nature, scope, and structure of African American/Africana Studies in American Universities. The course will basically explore various descriptions, definitions, and meanings of the discipline/field, as well as approaches to understanding its interdisciplinary, multidisciplinary, and trans-disciplinary nature; survey major disciplinary literature written about it, and the perspectives advanced by scholars. The course also critiques and systematically outlines essential components of and/or arguments advanced about, for, or against the discipline. Finally, a comparative exploration of the interrelationship between African American/Africana Studies, Area Studies, and Ethnic Studies, as well as some emerging intellectual developments in Africana Studies research, teaching, and service activities will help guide us later into the semester as we engage in our focused discussions and discoveries of a satisfactory definition of the discipline, and an operational description of its basics and essentials.								
A&S	AAS	<b>AAS</b>	<b>1100</b>	<b>Introduction to African American Literature</b>	Lecture	3	0	2HL; PHTC	N	U10		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: Focuses broadly on African American literature from work of the 18th century to contemporary writings with the intention of providing the student with an introduction to the topic. Reading poetry, short fiction, the novel, and other forms of writing, the course will explore such questions as how black writers address African American literary inheritance and production. A final paper will afford the student the occasion of applying a critical approach to literary texts. Topics may include slave and freeman and free woman narratives, the Harlem Renaissance, and the postmodern black novel. The aim of the course is to equip the student with a strong academic knowledge of African American literature in its cultural and historical contexts.								
A&S	AAS	<b>AAS</b>	<b>1500</b>	<b>Africana Media Studies</b>	Discussion	4	0	2HL; PHTC	N	U10		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: Africana Media Studies is an introduction to the Africana experience (primarily in the U.S) through media. This course is designed to enable scholars the opportunity to explore, critique and understand images, stereotypes, myths and counter-imaging of the Africana experience. Contemporary as well as historic notions of race, class and gender through the prism of media will be examined.								
				In the exploration of these various themes attention will be paid to the social, political, and economic contexts that have shaped the media. The media includes, though not limited to radio, television, film, newspapers and the internet.								
				This course will attempt to include all aspects of the media to facilitate the examination of the Africana experience. However primary attention will be given to television, film and radio. The course will follow a loose chronological approach from early media to contemporary media. While the primary focus is on Africana media it does not preclude discourse on other related media studies issues, it is however the emphasis for this course.								
A&S	AAS	<b>AAS</b>	<b>1500</b>	<b>Africana Media Studies</b>	Lecture	4	0	2HL; PHTC	N	U10		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: Africana Media Studies is an introduction to the Africana experience (primarily in the U.S) through media. This course is designed to enable scholars the opportunity to explore, critique and understand images, stereotypes, myths and counter-imaging of the Africana experience. Contemporary as well as historic notions of race, class and gender through the prism of media will be examined.								
				In the exploration of these various themes attention will be paid to the social, political, and economic contexts that have shaped the media. The media includes, though not limited to radio, television, film, newspapers and the internet.								
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A&S	AAS	<b>AAS</b>	<b>1900</b>	<b>Difficult Dialogues: Race, Law, and Religion in America</b>	Lecture	3	0		N	U10		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE:							
				COURSE DESC: Intended to help create a campus environment where sensitive subjects can be discussed in a spirit of open, scholarly inquiry and intellectual rigor and with respect for different viewpoints. (Ford Foundation Difficult Dialogues RFP, 2005 at: <a href="http://www.fordfound.org/news/more/dialogues/index.cfm?print-ver">http://www.fordfound.org/news/more/dialogues/index.cfm?print-ver</a> )								
				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	<b>AAS</b>	<b>2020</b>	<b>African American History II, 1876 to late twentieth century</b>	Lecture	3	0	2SS; PSBS	N	U10		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE:							
				COURSE DESC: Examines a series of topics (economic, demographic, social, cultural and political) in African American history from 1876 to the late twentieth century. The evolution of race relations is an important component of this course, but the major emphasis will be placed on the internal experiences of ordinary African Americans, within the framework of larger socioeconomic and political processes in U. S. history. In addition to providing topical perspectives (e.g., work, family, and religion), the course will pay close attention to chronology and change over time.								
A&S	AAS	<b>AAS</b>	<b>2100</b>	<b>Slave Narrative and Freeman/Freewomen Fiction of the 18th and 19th Centuries</b>	Lecture	3	0	2HL; PHTC	N	U10		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE:							
				COURSE DESC: Will cover the African American slave narrative, from the eighteenth to the nineteenth centuries, along with free-woman and free-man writings of the later nineteenth century and possibly the early twentieth century. Readings typically include works by such authors as Frederick Douglass, Harriet Jacobs, William Wells Brown, and Solomon Northup. The course will consider contemporary debates surrounding the question of authenticity as well as current views of how slave narratives merit aesthetically. The course also interrogates questions pertaining to how the slave narrative challenges conventional notions of autobiography and how the early black novel confronts received and developing notions of the U.S. novel.								
A&S	AAS	<b>AAS</b>	<b>2110</b>	<b>African American Literature II: Black Writing of the 20th and 21st Centuries</b>	Lecture	3	0	2HL; PHTC	N	U10		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE:							
				COURSE DESC: Focuses on 20th- and 21st-century writings by African American authors with a view toward gaining an understanding of the enormous wealth of literature black writers produced during the periods in question. The course will start with the Harlem Renaissance and the Black Modernist phase, then move on to the Black Arts period, and conclude with contemporary African American literary writing. Typically, the course will read texts by writers including Langston Hughes, Zora Neale Hurston, Richard Wright, Ralph Ellison, Claude McKay, and Toni Morrison.								
A&S	AAS	<b>AAS</b>	<b>2200</b>	<b>Introduction to Black Political Economy</b>	Lecture	3	0		N	U10		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE:							
				COURSE DESC: 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	<b>AAS</b>	<b>2250</b>	<b>History of the African American Worker</b>	Lecture	3	0		N	U10		0
				ELIGIBLE GRADES: GEC1: A-F	REQUISITE:							
				COURSE DESC: African-American workers have had a profound effect on U.S. labor and its history. This course will examine the transformation of the African-American working class from the post-Civil War period through the late twentieth-century. African American workers and their community organizations played an integral role in shaping the American working class experience from the maturing industrial period through post-industrial period of U.S. history. We will analyze the changing relationship between capital and labor, employers and employees while evaluating the shifting meanings of "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	<b>AAS</b>	<b>2500</b>	<b>Blackness and the Arts</b>	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.								

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A&S	AAS	<b>AAS</b>	<b>2540</b>	<b>History of Injustice in the United States</b>	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	<b>AAS</b>	<b>2900</b>	<b>Special Topics in African American Studies</b>	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	<b>AAS</b>	<b>3100</b>	<b>Postmodern Blackness: Identity and Culture in Contemporary African American Literature</b>	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	<b>AAS</b>	<b>3110</b>	<b>Harlem Renaissance: African American Literature of the Early 20th Century</b>	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	<b>AAS</b>	<b>3170</b>	<b>Black Transnational Literature: Caribbean and Transcultural African American Writing</b>	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	<b>AAS</b>	<b>3400</b>	<b>The African American Community Since World War II</b>	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	<b>AAS</b>	<b>3410</b>	<b>African American Personality</b>	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	<b>AAS</b>	<b>3450</b>	<b>The Black Woman</b>	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	<b>AAS</b>	<b>3460</b>	<b>Black Men and Masculinities</b>	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.								



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A&S	AAS	<b>AAS</b>	<b>3500</b>	<b>African American Arts and Artists</b>	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	<b>AAS</b>	<b>3520</b>	<b>Blacks in Contemporary American Cinema</b>	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	<b>AAS</b>	<b>3530</b>	<b>Survey of Black Independent Cinema</b>	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	<b>AAS</b>	<b>3550</b>	<b>History of African American Music I, Slavery-1926</b>	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	<b>AAS</b>	<b>3560</b>	<b>History of African American Music II, 1926-Present</b>	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	<b>AAS</b>	<b>3570</b>	<b>Black Music Criticism: Hip-hop history, culture and politics</b>	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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A&S	AAS	<b>AAS</b>	<b>3640</b>	<b>Comparative Study of Injustice</b>	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	<b>AAS</b>	<b>3650</b>	<b>The Protracted Struggle for Civil Rights: African American Social Movements in the U.S</b>	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	<b>AAS</b>	<b>3680</b>	<b>African American Political Thought</b>	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	<b>AAS</b>	<b>3691</b>	<b>U.S. Constitutional Law: Pre-Civil Rights Movements</b>	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	<b>AAS</b>	<b>3800</b>	<b>African American Education</b>	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	<b>AAS</b>	<b>4110</b>	<b>Literature Seminar: Black Countercultures</b>	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	<b>AAS</b>	<b>4300</b>	<b>Social Theory, Research and Methodology in African American Studies</b>	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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A&S	AAS	<b>AAS</b>	<b>4400</b>	<b>The Black Child</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		What does it mean to be a black child in America at the beginning of the 21st century? We will consider how the meaning of childhood changes over time, place, and social context for African Americans. By moving children to the center of focus, we will see that there is no singular definition of African American childhood, but instead many different ways in which African Americans experience childhood and adolescence. Typically African American children are only studied as victims or perpetrators of social problems, but in this course we will consider African American children in many additional contexts. We will begin by examining the meaning(s) of childhood and adolescence and how they have changed over time. Throughout the course we will see how African American children's lives are shaped by broader systems of inequality. We will also examine how African American children are active in the construction of their own peer cultures and popular culture, as well as why the relationship between Black youth and popular culture is routinely viewed as problematic, and how African American children are discussed within the popular press. Finally, we will examine how public policies shaping African Americans children and adolescents' lives are formulated and how they sometimes serve to replicate various inequalities.								
A&S	AAS	<b>AAS</b>	<b>4500</b>	<b>The History of Black Women in Popular Culture</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		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	<b>AAS</b>	<b>4693</b>	<b>Legal Policy and Disparities in the American Health Care System</b>	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		Intended to examine the disparities in health care experienced by women, children, the elderly, Blacks, Latinos, Native Americans, Appalachians, and the poor in the American health care system, in the spirit of open, scholarly inquiry. Dr. Martin Luther King, Jr. once said, Of all the forms of inequality, injustice in health care is the most inhumane. He worked to raise awareness about public health concerns, particularly relating to issues that disproportionately affect minorities, people of color, and low-income communities.								
A&S	AAS	<b>AAS</b>	<b>4820</b>	<b>The Black Family</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Focusing on the history of ideas and approaches that have shaped and defined our understanding of Black families. This course offers an interdisciplinary approach to the study of African American social and family life. You will be introduced to historical and socio-cultural circumstances that affect the Black family and the diverse nature of Black culture. The purpose of this course is to focus on the Black family as a social institution. You will understand and appreciate the strengths of the Black family by being expose to a variety of challenges they face. This course will also attempt to heighten awareness and sensitivity to the contemporary problems affecting the Black family and thus help discover and evaluate social policies and programs geared towards Black families. Specifically, the course will provide a sociological perspective for understanding and analyzing topics and challenges that impact the Black family. The discussion is also designed to encourage and stimulate critical thinking beyond "common sense" interpretations of the Black family.								
A&S	AAS	<b>AAS</b>	<b>4900</b>	<b>Special Topics in African American Studies</b>	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	AAS	<b>AAS</b>	<b>4930</b>	<b>Independent Study</b>	Ind Study	3 to 9	9		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		CR, PR Primarily for students interested in concentrated study in specific area in cooperation with advisor.								
A&S	AAS	<b>AAS</b>	<b>5400</b>	<b>The Black Child</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		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	<b>AAS</b>	<b>5900</b>	<b>Special Topics in African American Studies</b>	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.								

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A&S	AAS	<b>AAS</b>	<b>6900</b>	<b>Special Topics in African American Studies</b>	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	<b>AAS</b>	<b>6930</b>	<b>Independent Research</b>	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	<b>T3</b>	<b>4691</b>	<b>U.S. Constitutional Law: Post-Civil Rights Movements</b>	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	<b>BIOS</b>	<b>1000</b>	<b>Animal Diversity</b>	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	<b>BIOS</b>	<b>1030</b>	<b>Human Biology I:Basic Principles</b>	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	<b>BIOS</b>	<b>1090</b>	<b>Readings in Biology</b>	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	<b>BIOS</b>	<b>1100</b>	<b>Peer-Led Team Learning for BIOS 1700</b>	Tutorial	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	BIOS 1700 or concurrent PR, F						
		COURSE DESC:		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	<b>BIOS</b>	<b>1200</b>	<b>Human Structure and Function for Allied Health</b>	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	<b>BIOS</b>	<b>1300</b>	<b>Principles of Human Anatomy and Physiology I</b>	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	<b>BIOS</b>	<b>1300</b>	<b>Principles of Human Anatomy and Physiology I</b>	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	<b>BIOS</b>	<b>1310</b>	<b>Principles of Human Anatomy and Physiology II</b>	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	<b>BIOS</b>	<b>1310</b>	<b>Principles of Human Anatomy and Physiology II</b>	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	<b>BIOS</b>	<b>1500</b>	<b>Concepts in Biology</b>	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	<b>BIOS</b>	<b>1700</b>	<b>Biological Sciences I: Molecules and Cells</b>	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) or (MATH PL2 and Chemistry placement 1510) and WARNING: No credit for both this course & (always deduct credit for the first course taken): PBI0 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 PBI0 1140.								
A&S	BIOS	<b>BIOS</b>	<b>1705</b>	<b>Biological Sciences I Laboratory</b>	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.								

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A&S	BIOS	<b>BIOS</b>	<b>1705A</b>	<b>Honors Experience in Biological Sciences I Laboratory</b>	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	<b>BIOS</b>	<b>1710</b>	<b>Biological Sciences II: Ecology, Evolution, Animal Body Systems</b>	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	<b>BIOS</b>	<b>1715</b>	<b>Biological Sciences II Laboratory</b>	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	<b>BIOS</b>	<b>2010</b>	<b>Elementary Microbiology</b>	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	<b>BIOS</b>	<b>2010</b>	<b>Elementary Microbiology</b>	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	<b>BIOS</b>	<b>2020</b>	<b>The Biology of Sex Differences</b>	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	<b>BIOS</b>	<b>2030</b>	<b>Human Biology II: Essentials of Anatomy and Physiology</b>	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	<b>BIOS</b>	<b>2035</b>	<b>Human Biology II Laboratory: Functional Anatomy</b>	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	<b>BIOS</b>	<b>2050</b>	<b>Human Biology: Sex and Reproduction</b>	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	<b>BIOS</b>	<b>2060</b>	<b>Drugs and the Brain</b>	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	<b>BIOS</b>	<b>2100</b>	<b>Exploring Animal Behavior</b>	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.								

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A&S	BIOS	<b>BIOS</b>	<b>2200</b>	<b>Conservation and Biodiversity</b>	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	<b>BIOS</b>	<b>2210</b>	<b>Microbes and Humans</b>	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	<b>BIOS</b>	<b>2225</b>	<b>Microbes and Humans, Laboratory</b>	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	<b>BIOS</b>	<b>2250</b>	<b>Genetics in Human Society</b>	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	<b>BIOS</b>	<b>2350</b>	<b>Insects, Science, and Society</b>	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	<b>BIOS</b>	<b>2500</b>	<b>Evolution: the history of life on earth</b>	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	<b>BIOS</b>	<b>2750</b>	<b>Ecology in the 21st Century</b>	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	<b>BIOS</b>	<b>2900</b>	<b>Special Topics in Biological Sciences</b>	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	<b>BIOS</b>	<b>2970T</b>	<b>Zoology Tutorial</b>	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	<b>BIOS</b>	<b>2971T</b>	<b>Zoology Tutorial</b>	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	<b>BIOS</b>	<b>2980T</b>	<b>Zoology Tutorial</b>	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	<b>BIOS</b>	<b>2981T</b>	<b>Zoology Tutorial</b>	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.								

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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	<b>BIOS</b>	<b>3010</b>	<b>Human Anatomy</b>	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	<b>BIOS</b>	<b>3010A</b>	<b>Honors Experience: Human Anatomy Lecture</b>	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	<b>BIOS</b>	<b>3015</b>	<b>Human Anatomy Lab</b>	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	<b>BIOS</b>	<b>3015A</b>	<b>Honors Experience: Human Anatomy Lab</b>	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	<b>BIOS</b>	<b>3030</b>	<b>Comparative Vertebrate Anatomy</b>	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	<b>BIOS</b>	<b>3030</b>	<b>Comparative Vertebrate Anatomy</b>	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	<b>BIOS</b>	<b>3100</b>	<b>General Genetics</b>	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	<b>BIOS</b>	<b>3105</b>	<b>Laboratory Genetics</b>	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	<b>BIOS</b>	<b>3160</b>	<b>Biogeography</b>	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	<b>BIOS</b>	<b>3200</b>	<b>Fundamentals of Animal Cell Biology</b>	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	<b>BIOS</b>	<b>3205</b>	<b>Cell and Microbiology Techniques</b>	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	<b>BIOS</b>	<b>3220</b>	<b>General Microbiology</b>	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	<b>BIOS</b>	<b>3225</b>	<b>General Microbiology Laboratory</b>	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	<b>BIOS</b>	<b>3225A</b>	<b>Honors Experience: Microbiology Lab</b>	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.								



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A&S	BIOS	<b>BIOS</b>	<b>3300</b>	<b>Principles of Evolution</b>	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	<b>BIOS</b>	<b>3330</b>	<b>Neural Basis of Behavior</b>	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	<b>BIOS</b>	<b>3430</b>	<b>Principles of Physiology</b>	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	<b>BIOS</b>	<b>3435</b>	<b>Principles of Physiology Lab</b>	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	<b>BIOS</b>	<b>3450</b>	<b>Human Physiology</b>	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	<b>BIOS</b>	<b>3455</b>	<b>Human Physiology Laboratory</b>	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	<b>BIOS</b>	<b>3455</b>	<b>Human Physiology Laboratory</b>	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	<b>BIOS</b>	<b>3640</b>	<b>Forensic Biology</b>	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	<b>BIOS</b>	<b>3640</b>	<b>Forensic Biology</b>	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	<b>BIOS</b>	<b>3690</b>	<b>Wildlife Habitat Management</b>	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	<b>BIOS</b>	<b>3690</b>	<b>Wildlife Habitat Management</b>	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	<b>BIOS</b>	<b>3750</b>	<b>Animal Ecology</b>	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	<b>BIOS</b>	<b>3760</b>	<b>Field Ecology</b>	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	<b>BIOS</b>	<b>3760</b>	<b>Field Ecology</b>	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.								

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A&S	BIOS	<b>BIOS</b>	<b>3840</b>	<b>Bioethics: Bioethical Problems in Biology and Medicine</b>	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	<b>BIOS</b>	<b>3860</b>	<b>Biology and the Future of Man</b>	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	<b>BIOS</b>	<b>3880</b>	<b>Undergraduate Research Inquiry &amp; Analysis in Ecology and Evolutionary Biology</b>	Seminar	2	0		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required								
		COURSE DESC:		PR, F 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	<b>BIOS</b>	<b>3910</b>	<b>Clinical Laboratory Observation</b>	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	<b>BIOS</b>	<b>3930</b>	<b>Topics in Biological Sciences for Nonmajors</b>	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	<b>BIOS</b>	<b>3970T</b>	<b>Zoology Tutorial</b>	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	<b>BIOS</b>	<b>3980T</b>	<b>Zoology Tutorial</b>	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	<b>BIOS</b>	<b>4030</b>	<b>Teaching Vertebrate Anatomy</b>	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	<b>BIOS</b>	<b>4030</b>	<b>Teaching Vertebrate Anatomy</b>	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	<b>BIOS</b>	<b>4070</b>	<b>Developmental Biology</b>	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	<b>BIOS</b>	<b>4100</b>	<b>Biological Pharmacology</b>	Lecture	3	0	3; 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	<b>BIOS</b>	<b>4130</b>	<b>Neuroscience</b>	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.								

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A&S	BIOS	<b>BIOS</b>	<b>4135</b>	<b>Human Neuroscience Laboratory</b>	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	<b>BIOS</b>	<b>4140</b>	<b>Molecular and Cellular Neuroscience</b>	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	<b>BIOS</b>	<b>4150</b>	<b>Systems and Cognitive Neuroscience</b>	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	<b>BIOS</b>	<b>4180</b>	<b>Methods in Computational Neuroscience</b>	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	<b>BIOS</b>	<b>4180</b>	<b>Methods in Computational Neuroscience</b>	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	<b>BIOS</b>	<b>4190</b>	<b>Computer Simulation in Biology</b>	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	<b>BIOS</b>	<b>4190</b>	<b>Computer Simulation in Biology</b>	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	<b>BIOS</b>	<b>4200X</b>	<b>Bioinformatics Introduction to Anthropological and Personal Genomics</b>	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	<b>BIOS</b>	<b>4200X</b>	<b>Bioinformatics Introduction to Anthropological and Personal Genomics</b>	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	<b>BIOS</b>	<b>4220</b>	<b>Pathogenic Bacteriology</b>	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	<b>BIOS</b>	<b>4230</b>	<b>Pathogenic Bacteriology</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in (BIOS 3210 or (3220 and 3225))						
		COURSE DESC:		A molecular approach is used to discuss bacterial pathogenesis and disease manifestations. Topics include some aspects of immunity and pathogen control.								

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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	<b>BIOS</b>	<b>4240</b>	<b>Virology</b>	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.								
A&S	BIOS	<b>BIOS</b>	<b>4250</b>	<b>Evolutionary Genetics</b>	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	<b>BIOS</b>	<b>4260</b>	<b>Molecular Genetics</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in (BIOS 3100 or PBI0 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	<b>BIOS</b>	<b>4270</b>	<b>Mechanisms of Gene Regulation</b>	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	<b>BIOS</b>	<b>4290</b>	<b>Marine Biology</b>	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	<b>BIOS</b>	<b>4300</b>	<b>Marine Invertebrate Biology Lecture and Lab</b>	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	<b>BIOS</b>	<b>4300</b>	<b>Marine Invertebrate Biology Lecture and Lab</b>	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	<b>BIOS</b>	<b>4310</b>	<b>Aquatic Biology</b>	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	<b>BIOS</b>	<b>4310</b>	<b>Aquatic Biology</b>	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	<b>BIOS</b>	<b>4360</b>	<b>Field Entomology</b>	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3300 or PBI0 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	<b>BIOS</b>	<b>4360</b>	<b>Field Entomology</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3300 or PBI0 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	<b>BIOS</b>	<b>4410</b>	<b>Parasitology</b>	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.								

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A&S	BIOS	<b>BIOS</b>	<b>4440</b>	<b>Tropical Disease Biology</b>	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.								
A&S	BIOS	<b>BIOS</b>	<b>4450</b>	<b>Physiology of Exercise</b>	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	<b>BIOS</b>	<b>4460</b>	<b>Physiology of Exercise Laboratory</b>	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	<b>BIOS</b>	<b>4460</b>	<b>Physiology of Exercise Laboratory</b>	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	<b>BIOS</b>	<b>4500</b>	<b>Principles of Endocrinology</b>	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	<b>BIOS</b>	<b>4570</b>	<b>Animal Systematics</b>	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	<b>BIOS</b>	<b>4570</b>	<b>Animal Systematics</b>	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	<b>BIOS</b>	<b>4620</b>	<b>Animal Ecological Physiology</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(BIOS 3420 or 3430) and MATH 2301 and (BIOS 3750 or PBIO 4350)						
		COURSE DESC:		Examines how organismal physiology is affected by the physical environment. Comparative approaches explore the behavioral, physiological, and biochemical responses to environmental factors. Current topics and methods are addressed in selected readings and discussion.								
A&S	BIOS	<b>BIOS</b>	<b>4630</b>	<b>Biological Chemistry</b>	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	<b>BIOS</b>	<b>4635</b>	<b>Biological Chemistry Laboratory</b>	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	<b>BIOS</b>	<b>4650</b>	<b>Ichthyology</b>	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3300 or PBIO 3400						
		COURSE DESC:		Biology of fishes. Lectures emphasize anatomy, physiology, ecology, taxonomy, and evolution. Labs and field trips emphasize identification of Ohio species and include dissection.								
A&S	BIOS	<b>BIOS</b>	<b>4650</b>	<b>Ichthyology</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3300 or PBIO 3400						
		COURSE DESC:		Biology of fishes. Lectures emphasize anatomy, physiology, ecology, taxonomy, and evolution. Labs and field trips emphasize identification of Ohio species and include dissection.								
A&S	BIOS	<b>BIOS</b>	<b>4710</b>	<b>Ornithology</b>	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3300 or PBIO 3400						
		COURSE DESC:		Bird biology, including discussions on anatomy, physiology, conservation biology, life histories, and role or ornithology in current ecological and evolutionary theory.								
A&S	BIOS	<b>BIOS</b>	<b>4710</b>	<b>Ornithology</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 3300 or PBIO 3400						
		COURSE DESC:		Bird biology, including discussions on anatomy, physiology, conservation biology, life histories, and role or ornithology in current ecological and evolutionary theory.								

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A&S	BIOS	<b>BIOS</b>	<b>4720</b>	<b>Herpetology</b>	Laboratory	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	<b>BIOS</b>	<b>4720</b>	<b>Herpetology</b>	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	<b>BIOS</b>	<b>4730</b>	<b>Animal Behavior</b>	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	<b>BIOS</b>	<b>4740</b>	<b>Mammalogy</b>	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	<b>BIOS</b>	<b>4740</b>	<b>Mammalogy</b>	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	<b>BIOS</b>	<b>4770</b>	<b>Population Ecology</b>	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	<b>BIOS</b>	<b>4780</b>	<b>Community Ecology</b>	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	<b>BIOS</b>	<b>4790</b>	<b>Advanced Evolution</b>	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	<b>BIOS</b>	<b>4810</b>	<b>Animal Conservation Biology</b>	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	<b>BIOS</b>	<b>4860</b>	<b>Immunology</b>	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	<b>BIOS</b>	<b>4865</b>	<b>Immunology Lab</b>	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	<b>BIOS</b>	<b>4900</b>	<b>Special Topics in Biological Sciences</b>	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	<b>BIOS</b>	<b>4910</b>	<b>Biological Internship</b>	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	<b>BIOS</b>	<b>4911</b>	<b>Clinical Laboratory Science Internship</b>	Internship	1 to 9	27		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	PR, F						
		COURSE DESC:		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.								

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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	<b>BIOS</b>	<b>4930</b>	<b>Topics in Biological Sciences</b>	Ind Study	1 to 2	4		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: BIOS 1715 and 2.5 GPA PR, F								
		COURSE DESC:		Individual or small-group study of specialized topics in zoology under supervision of instructor. Special registration with departmental secretary absolutely required.								
A&S	BIOS	<b>BIOS</b>	<b>4940</b>	<b>Undergraduate Research</b>	Research	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: 14 Hours in BIOS and 3.0 GPA PR, F								
		COURSE DESC:		Individualized and directed research. Students select topics or are directed into possible research areas.								
A&S	BIOS	<b>BIOS</b>	<b>4940H</b>	<b>Honors Undergraduate Research</b>	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	<b>BIOS</b>	<b>4941</b>	<b>Senior Research and Thesis</b>	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	<b>BIOS</b>	<b>4941H</b>	<b>Senior Honors Thesis</b>	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	<b>BIOS</b>	<b>4970T</b>	<b>Tutorial Senior Thesis</b>	Tutorial	1 to 12	24		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR								
		COURSE DESC:		Special course offered to students in Honors Tutorial program.								
A&S	BIOS	<b>BIOS</b>	<b>4980T</b>	<b>Tutorial Senior Thesis</b>	Tutorial	1 to 12	24		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR								
		COURSE DESC:		Special course offered to students in Honors Tutorial program.								
A&S	BIOS	<b>BIOS</b>	<b>5010</b>	<b>Human Anatomy</b>	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	<b>BIOS</b>	<b>5010</b>	<b>Human Anatomy</b>	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	<b>BIOS</b>	<b>5030</b>	<b>Comparative Vertebrate Anatomy</b>	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	<b>BIOS</b>	<b>5030</b>	<b>Comparative Vertebrate Anatomy</b>	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	<b>BIOS</b>	<b>5070</b>	<b>Developmental Biology</b>	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.								

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A&S	BIOS	<b>BIOS</b>	<b>5100</b>	<b>Biological Pharmacology</b>	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.								
A&S	BIOS	<b>BIOS</b>	<b>5130</b>	<b>Neuroscience</b>	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	<b>BIOS</b>	<b>5135</b>	<b>Human Neuroscience Laboratory</b>	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	<b>BIOS</b>	<b>5140</b>	<b>Molecular and Cellular Neuroscience</b>	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	<b>BIOS</b>	<b>5150</b>	<b>Systems and Cognitive Neuroscience</b>	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	<b>BIOS</b>	<b>5160</b>	<b>Biogeography</b>	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	<b>BIOS</b>	<b>5180</b>	<b>Methods in Computational Neuroscience</b>	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	<b>BIOS</b>	<b>5180</b>	<b>Methods in Computational Neuroscience</b>	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	<b>BIOS</b>	<b>5200X</b>	<b>Bioinformatics Introduction to Anthropological and Personal Genomics</b>	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	<b>BIOS</b>	<b>5200X</b>	<b>Bioinformatics Introduction to Anthropological and Personal Genomics</b>	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.								



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A&S	BIOS	<b>BIOS</b>	<b>5210</b>	<b>General Microbiology</b>	Laboratory	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Overview of bacteria, protista, viruses, and their relationship to us and our environment. Lab training in common microbiological methods.								
A&S	BIOS	<b>BIOS</b>	<b>5210</b>	<b>General Microbiology</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Overview of bacteria, protista, viruses, and their relationship to us and our environment. Lab training in common microbiological methods.								
A&S	BIOS	<b>BIOS</b>	<b>5220</b>	<b>Pathogenic Bacteriology</b>	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	<b>BIOS</b>	<b>5230</b>	<b>Pathogenic Bacteriology</b>	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	<b>BIOS</b>	<b>5240</b>	<b>Virology</b>	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	<b>BIOS</b>	<b>5250</b>	<b>Evolutionary Genetics</b>	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	<b>BIOS</b>	<b>5260</b>	<b>Molecular Genetics</b>	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	<b>BIOS</b>	<b>5270</b>	<b>Mechanisms of Gene Regulation</b>	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	<b>BIOS</b>	<b>5290</b>	<b>Marine Biology</b>	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	<b>BIOS</b>	<b>5310</b>	<b>Aquatic Biology</b>	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	<b>BIOS</b>	<b>5310</b>	<b>Aquatic Biology</b>	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	<b>BIOS</b>	<b>5360</b>	<b>Field Entomology</b>	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).								

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A&S	BIOS	<b>BIOS</b>	<b>5360</b>	<b>Field Entomology</b>	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>BIOS</b>	<b>5410</b>	<b>Parasitology</b>	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Etiology of human parasites, their transmission, diagnosis, and prevention.								
A&S	BIOS	<b>BIOS</b>	<b>5430</b>	<b>Principles of Physiology I</b>	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	<b>BIOS</b>	<b>5435</b>	<b>Principles of Physiology Lab</b>	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	<b>BIOS</b>	<b>5440</b>	<b>Tropical Disease Biology</b>	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	<b>BIOS</b>	<b>5450</b>	<b>Physiology of Exercise</b>	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	<b>BIOS</b>	<b>5460</b>	<b>Physiology of Exercise Laboratory</b>	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	<b>BIOS</b>	<b>5460</b>	<b>Physiology of Exercise Laboratory</b>	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	<b>BIOS</b>	<b>5500</b>	<b>Principles of Endocrinology</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Endocrine control of mammalian homeostasis and metabolism.								
A&S	BIOS	<b>BIOS</b>	<b>5570</b>	<b>Animal Systematics</b>	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	<b>BIOS</b>	<b>5570</b>	<b>Animal Systematics</b>	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	<b>BIOS</b>	<b>5620</b>	<b>Animal Ecological Physiology</b>	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	<b>BIOS</b>	<b>5630</b>	<b>Biological Chemistry</b>	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	<b>BIOS</b>	<b>5650</b>	<b>Ichthyology</b>	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.								

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A&S	BIOS	<b>BIOS</b>	<b>5650</b>	<b>Ichthyology</b>	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	<b>BIOS</b>	<b>5690</b>	<b>Wildlife Habitat Management</b>	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.								
A&S	BIOS	<b>BIOS</b>	<b>5690</b>	<b>Wildlife Habitat Management</b>	Lecture	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.								
A&S	BIOS	<b>BIOS</b>	<b>5710</b>	<b>Ornithology</b>	Laboratory	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Bird biology, including discussions on anatomy, physiology, conservation biology, life histories, and role or ornithology in current ecological and evolutionary theory.								
A&S	BIOS	<b>BIOS</b>	<b>5710</b>	<b>Ornithology</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Bird biology, including discussions on anatomy, physiology, conservation biology, life histories, and role or ornithology in current ecological and evolutionary theory.								
A&S	BIOS	<b>BIOS</b>	<b>5720</b>	<b>Herpetology</b>	Laboratory	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: BIOS 3300								
				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	<b>BIOS</b>	<b>5720</b>	<b>Herpetology</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: BIOS 3300								
				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	<b>BIOS</b>	<b>5730</b>	<b>Animal Behavior</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Ecological, physiological, and developmental aspects of animal behavior, interpreted from the perspective of evolutionary biology.								
A&S	BIOS	<b>BIOS</b>	<b>5740</b>	<b>Mammalogy</b>	Laboratory	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Mammals; their origin, evolution and adaptations, geographical distribution, ecology, and systematics. Emphasis on local fauna.								
A&S	BIOS	<b>BIOS</b>	<b>5740</b>	<b>Mammalogy</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Mammals; their origin, evolution and adaptations, geographical distribution, ecology, and systematics. Emphasis on local fauna.								
A&S	BIOS	<b>BIOS</b>	<b>5770</b>	<b>Population Ecology</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>BIOS</b>	<b>5780</b>	<b>Community Ecology</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>BIOS</b>	<b>5790</b>	<b>Advanced Evolution</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Current concepts of evolutionary processes: sources of variation, agents of change, natural selection and adaptation, speciation and macroevolution.								
A&S	BIOS	<b>BIOS</b>	<b>5810</b>	<b>Animal Conservation Biology</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>BIOS</b>	<b>5860</b>	<b>Immunology</b>	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	<b>BIOS</b>	<b>5865</b>	<b>Immunology Lab</b>	Laboratory	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		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	<b>BIOS</b>	<b>5900</b>	<b>Special Topics in Biological Sciences</b>	Lecture	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.								
A&S	BIOS	<b>BIOS</b>	<b>6580</b>	<b>Clinical Gross Anatomy I</b>	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	<b>BIOS</b>	<b>6580</b>	<b>Clinical Gross Anatomy I</b>	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	<b>BIOS</b>	<b>6590</b>	<b>Clinical Anatomy II</b>	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	<b>BIOS</b>	<b>6590</b>	<b>Clinical Anatomy II</b>	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	<b>BIOS</b>	<b>6600</b>	<b>Clinical Anatomy III</b>	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	<b>BIOS</b>	<b>6600</b>	<b>Clinical Anatomy III</b>	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	<b>BIOS</b>	<b>6610</b>	<b>Microanatomy I: Architecture of Cells and Tissues</b>	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.

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COURSE LISTING  
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A&S	BIOS	<b>BIOS</b>	<b>6610</b>	<b>Microanatomy I: Architecture of Cells and Tissues</b>	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	<b>BIOS</b>	<b>6620</b>	<b>Microanatomy II: Organ Systems</b>	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	<b>BIOS</b>	<b>6620</b>	<b>Microanatomy II: Organ Systems</b>	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	<b>BIOS</b>	<b>6700</b>	<b>Biostatistics I</b>	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	<b>BIOS</b>	<b>6820</b>	<b>Advanced Topics</b>	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	<b>BIOS</b>	<b>6900</b>	<b>Special Topics in Biological Sciences</b>	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	<b>BIOS</b>	<b>6940</b>	<b>Research in Biological Sciences</b>	Research	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:							
				PR, F								
		COURSE DESC:		Unspecified research, not directly applicable to thesis.								

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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	<b>BIOS</b>	<b>6950</b>	<b>Master's Thesis</b>	Thesis	1 to 15	60		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Research directly applicable to thesis.								
A&S	BIOS	<b>BIOS</b>	<b>7000</b>	<b>Ecology Colloquium</b>	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	<b>BIOS</b>	<b>7120</b>	<b>Seminar in Neuroscience</b>	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	<b>BIOS</b>	<b>7900</b>	<b>Muscle Biology</b>	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	<b>BIOS</b>	<b>7970</b>	<b>Seminar in Conservation Biology</b>	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	<b>BIOS</b>	<b>8700</b>	<b>Biostatistics II</b>	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	<b>BIOS</b>	<b>8700</b>	<b>Biostatistics II</b>	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	<b>BIOS</b>	<b>8900</b>	<b>Special Topics in Biological Sciences</b>	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	<b>BIOS</b>	<b>8950</b>	<b>Doctoral Dissertation</b>	Thesis	1 to 15	105		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Research directed toward doctoral degree.								
A&S	BIOS	<b>NEUR</b>	<b>2900</b>	<b>Special Topics in Neuroscience</b>	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	<b>NEUR</b>	<b>2970T</b>	<b>Neuroscience Tutorial</b>	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	<b>NEUR</b>	<b>2971T</b>	<b>Neuroscience Tutorial</b>	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.								

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A&S	BIOS	<b>NEUR</b>	<b>2980T</b>	<b>Neuroscience Tutorial</b>	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	<b>NEUR</b>	<b>2981T</b>	<b>Neuroscience Tutorial</b>	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	<b>NEUR</b>	<b>3970T</b>	<b>Neuroscience Tutorial</b>	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	<b>NEUR</b>	<b>3980T</b>	<b>Neuroscience Tutorial</b>	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	<b>NEUR</b>	<b>4900</b>	<b>Special Topics in Neuroscience</b>	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	<b>NEUR</b>	<b>4970T</b>	<b>Neuroscience Tutorial Senior Thesis</b>	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	<b>NEUR</b>	<b>4980T</b>	<b>Neuroscience Tutorial Senior Thesis</b>	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.								

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A&S	CARS	<b>CARS</b>	<b>2010</b>	<b>Greek Archaeology</b>	Lecture	3	0	2SS; PSBS	N	U10		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	<b>CARS</b>	<b>2020</b>	<b>Roman Archaeology</b>	Lecture	3	0	2SS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Explores the material remains from the Roman world and of the information they provide about Roman society. Among other things, examines sculpture, painting, coinage, and architecture to learn how Romans at various levels of society used objects, images and built structures to make statements about themselves. Examines how these messages differed from one part of the empire to another. Teaches how to look at and 'read' objects and images. Special emphasis placed on methodologies used to interpret them.								
A&S	CARS	<b>CARS</b>	<b>2030</b>	<b>Archaeology of the Ancient Near East</b>	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. 8000 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	<b>CARS</b>	<b>2040</b>	<b>Archaeology of Ancient Egypt</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Egypt is one of the oldest civilizations in the world and has the reputation of being slow to change. Yet the Egyptians adopted agriculture from the Near East very quickly, were the first to create and hold for centuries a unified Egypt and innovated greatly on large building projects. This course investigates the development of Egyptian civilization from the first settlements to the Late Period in terms of this blend of conservatism and innovation, and introduces students to the main archaeological sites, methods and types of material used in each period.								
A&S	CARS	<b>CARS</b>	<b>2100</b>	<b>Classical Athens</b>	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	<b>CARS</b>	<b>2110</b>	<b>Rome Under the Caesars</b>	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	<b>CARS</b>	<b>2120</b>	<b>Ancient Jerusalem: From Solomon to Suleiman</b>	Lecture	3	0	2CP; PHTC	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.								
A&S	CARS	<b>CARS</b>	<b>2130</b>	<b>Alexander the Great and the Hellenistic World</b>	Lecture	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Focuses first on Alexander himself, a man who became a myth even before his death. Next examines the Hellenistic world, the world that Alexander created out of his conquests. Alexander's conquests helped spread Greek civilization over the whole of the eastern Mediterranean. Many of the issues that people living in this world confronted are still relevant today: the nature of celebrity, for Alexander was arguably the first celebrity; the challenges of emigration, of living in a society that was culturally and ethnically diverse, of assimilating a foreign culture, and living under an autocracy.								
A&S	CARS	<b>CARS</b>	<b>2140</b>	<b>Human Aspirations Among the Greeks and Romans</b>	Lecture	3	0	2HL; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								



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COURSE LISTING  
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A&S	CARS	<b>CARS</b>	<b>2150</b>	<b>Democracy and Republicanism in the Ancient World</b>	Lecture	3	0	2HL; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>CARS</b>	<b>2160</b>	<b>War and Society in Ancient Greece and Rome</b>	Lecture	3	0	2HL; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>CARS</b>	<b>2160A</b>	<b>Honors Experience: War and Society in Ancient Greece and Rome</b>	Ind Study	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F,	REQUISITE:	CARS 2160 and Ohio Honors student NC						
		COURSE DESC:		OHIO Honors curricular experience in War and Society in Ancient Greece and Rome								
A&S	CARS	<b>CARS</b>	<b>2170</b>	<b>Food, Drink and Identity in the Ancient World</b>	Lecture	3	0	2HL; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Through myth, literature, religion, art and archaeology, this course investigates different kinds of evidence for the food cultures of the ancient Near East, the Greek world and the Roman Empire. Specific types of food and drink and occasions at which they were shared formed the social and religious ties at the heart of these civilizations, and helped shape modern Western values concerning food production and consumption. Food security, human fertility, sense of community, relation to the gods and proper social order are all themes that reappear in the myths, literature and art of these major civilizations.								
A&S	CARS	<b>CARS</b>	<b>2180</b>	<b>Ancient Near Eastern Art and Architecture</b>	Lecture	3	0	2FA; PHA	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>CARS</b>	<b>2300</b>	<b>Heroes in Classical Literature</b>	Lecture	3	0	2HL; PHTC	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		The best-known works of ancient Greco-Roman literature focus on the outstanding individuals whom we conventionally call "heroes." This course introduces significant works of Greco-Roman literature in English translation. It focuses on their impact on Western culture. Readings may be drawn from ancient epic, tragedy, biography, and historiography. No prior knowledge of classical culture or classical languages required.								
A&S	CARS	<b>CARS</b>	<b>2310</b>	<b>Classical Mythology</b>	Lecture	3	0	2HL; PHTC	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Introduction to classical mythology; readings and discussions of myths and their interpretations.								
A&S	CARS	<b>CARS</b>	<b>2400</b>	<b>Introduction to the Study of Religion</b>	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	<b>CARS</b>	<b>2410</b>	<b>The Global Occult: Ghosts, Demonology, and the Paranormal in World Religions</b>	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.								

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A&S	CARS	<b>CARS</b>	<b>2430</b>	<b>The History of Yoga: From Ancient Discipline to Modern Movement</b>	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	<b>CARS</b>	<b>2440</b>	<b>Pagan to Christian in Late Antiquity</b>	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	<b>CARS</b>	<b>2500</b>	<b>Difficult Dialogues: Religious Beliefs</b>	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	<b>CARS</b>	<b>2510</b>	<b>Difficult Dialogues: Religion, Gender and Sexuality</b>	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	<b>CARS</b>	<b>2520</b>	<b>What is Evil?</b>	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	<b>CARS</b>	<b>2530</b>	<b>Difficult Dialogues: Science and Religion</b>	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.								
A&S	CARS	<b>CARS</b>	<b>2530</b>	<b>Difficult Dialogues: Science and Religion</b>	Lecture	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.								
A&S	CARS	<b>CARS</b>	<b>2700</b>	<b>Comparative Slavery: Ancient and Atlantic</b>	Discussion	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: No credit for this course if the following is taken: HIST 2270								
		COURSE DESC:		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.								

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A&S	CARS	<b>CARS</b>	<b>2700</b>	<b>Comparative Slavery: Ancient and Atlantic</b>	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	<b>CARS</b>	<b>2900</b>	<b>Special Topics in Classics and Religious Studies</b>	Lecture	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, CR								
		COURSE DESC:		Specific course content will vary with offering.								
A&S	CARS	<b>CARS</b>	<b>2970T</b>	<b>Classics and Religious Studies HTC Tutorial</b>	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, PR								
		COURSE DESC:		REQUISITE: HTC Individualized tutorial for HTC students only.								
A&S	CARS	<b>CARS</b>	<b>2971T</b>	<b>Classics and Religious Studies HTC Tutorial</b>	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, PR								
		COURSE DESC:		REQUISITE: CARS 2980T and HTC Individualized tutorial for HTC students only.								
A&S	CARS	<b>CARS</b>	<b>2980T</b>	<b>Classics and Religious Studies HTC Tutorial</b>	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, PR								
		COURSE DESC:		REQUISITE: HTC Individualized tutorial for HTC students only.								
A&S	CARS	<b>CARS</b>	<b>2981T</b>	<b>Classics and Religious Studies HTC Tutorial</b>	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, PR								
		COURSE DESC:		REQUISITE: CARS 2971T and HTC Individualized tutorial for HTC students only.								
A&S	CARS	<b>CARS</b>	<b>3000</b>	<b>The Hebrew Bible (Christian Old Testament, Jewish Tanakh)</b>	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	<b>CARS</b>	<b>3010</b>	<b>New Testament</b>	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.								
A&S	CARS	<b>CARS</b>	<b>3020</b>	<b>Introduction to Islam</b>	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	<b>CARS</b>	<b>3030</b>	<b>Political Islam</b>	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.								

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A&S	CARS	<b>CARS</b>	<b>3040</b>	<b>Sufism-Mysticism and Asceticism in Islam</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		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	<b>CARS</b>	<b>3100</b>	<b>Hinduism</b>	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Explores Hindu concepts and practices through readings, films, and slide presentations. Traces the origin and development of Hinduism from its roots in Vedic ritual and the indigenous civilizations of Mohenjo Daro and Harrapa. Introduces the Upanishads (perhaps the earliest philosophical texts), the great Hindu Epics, Mahabharata and Ramayana, the Sastras (manuals on Hindu life dating from the early centuries of the current era), the Puranas (medieval compositions telling the stories of the gods), Tantra (an esoteric form of Hinduism), the artistic traditions of Hinduism, and modern Hindu political movements. Special emphasis placed on the Gandhi's interpretation of Hindu teachings of non-violence.								
A&S	CARS	<b>CARS</b>	<b>3110</b>	<b>Buddhism</b>	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>CARS</b>	<b>3120</b>	<b>Gandhi and the Gita: The Religious Roots of Nonviolent Resistance in Colonial India</b>	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>CARS</b>	<b>3130</b>	<b>Indian Epic: Mahabharata and Ramayana</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Students engage India's two great Sanskrit epics, the Mahabharata and the Ramayana. They analyze the epics on two levels: first, as historically situated and ideologically interested texts that reflect the social and political upheavals that occurred in South Asia between 500 BCE and 500 CE, and, second, as part of a living oral and scriptural tradition whose influence extends to contemporary Indian religion, ethics, and national consciousness.								
A&S	CARS	<b>CARS</b>	<b>3200</b>	<b>Self-denial and Religion: Virgins, Monks, Hermits and other Ascetics</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		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	<b>CARS</b>	<b>3210</b>	<b>Religion and Violence</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Examines religious violence by studying historical case studies from different religious traditions. Themes include divine punishments against humans, martyrdom, forced conversions, persecutions, holy wars, and the importance of religion in contemporary conflicts.								
A&S	CARS	<b>CARS</b>	<b>3220</b>	<b>Thinking About Death: Belief and Practice</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>CARS</b>	<b>3240</b>	<b>Theories of Religion</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		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.								

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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	<b>CARS</b>	<b>3250</b>	<b>Contemporary Religious Thought</b>	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	<b>CARS</b>	<b>3260</b>	<b>Myth, Ritual, and Symbolism</b>	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	<b>CARS</b>	<b>3290</b>	<b>Women and Religion</b>	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	<b>CARS</b>	<b>3400</b>	<b>Greek and Roman Religions and Society</b>	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	<b>CARS</b>	<b>3410</b>	<b>Technology in Greek and Roman Society</b>	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 development at different times and places, as well as ways that new technologies affected the societies in which they occurred. A major goal is to examine the role of technology in the Mediterranean basin as the organization of society moved from the Greek city-state to Hellenistic kingdoms to the Roman Empire.								
A&S	CARS	<b>CARS</b>	<b>3420</b>	<b>Women in the Ancient Mediterranean</b>	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.								
A&S	CARS	<b>CARS</b>	<b>3430</b>	<b>Roman Social History</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				CARS 2110 or 2440 or HIST 3292 Examination of Roman life from a number of perspectives emphasizing the Roman family, sexual attitudes, slavery, and the economy. Examines ancient evidence from a range of sources: textual, material, and epigraphical. Familiarizes students with important scholarship on Roman social history and the methods of analysis represented in the field.								
A&S	CARS	<b>CARS</b>	<b>3440</b>	<b>Love in Antiquity</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>CARS</b>	<b>3450</b>	<b>Wisdom in Antiquity</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Introduction to the various forms of wisdom and knowledge treated in Greek and Roman literature. These forms of wisdom include practical skill, the liberal arts, scientific and philosophic truth, sophistic worldliness and professional training. Special attention paid to the relation of such knowledge and wisdom to Greek and Roman educational practices and ideals. Figures and texts of special interest include Protagoras, Socrates, Plato, Isocrates, Aristotle, the New Testament, Cicero, Seneca, and Quintilian. Also considered is the relevance of such historians as Herodotus, Thucydides, and Livy.								

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A&S	CARS	<b>CARS</b>	<b>3460</b>	<b>Ethnicity in the Ancient World</b>	Lecture	3	0	2HL; BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>CARS</b>	<b>3500</b>	<b>Greek Cities and Sanctuaries</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Soph or Jr or Sr								
				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	<b>CARS</b>	<b>3510</b>	<b>Aegean Bronze Age Archaeology</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Soph or Jr or Sr								
				The Aegean civilizations of Mycenaean Greece and Minoan Crete were discovered only since 1870, and were the first to be analyzed and interpreted solely from archaeological remains. Explores the material evidence to trace the development of these complex Bronze Age cultures in the Aegean, while studying the early excavators starting with Schliemann and Evans. Reviews different types of material remains, and the different, often conflicting strategies used to collect and interpret them. Focuses on the development of Aegean civilizations from the appearance of the first agricultural communities in the Neolithic period (6000 B.C.) to the widespread destruction and subsequent economic decline at the end of the Bronze Age (1100 B.C.).								
A&S	CARS	<b>CARS</b>	<b>3520</b>	<b>On-Site Survey of Greek History</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Study abroad program in Greece								
				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	<b>CARS</b>	<b>3800</b>	<b>Colloquium in Classics and Religious Studies</b>	Lecture	1	2		N	U30		50
		ELIGIBLE GRADES:		GEC6: CR,								
				REQUISITE: Classics or religious studies major or minor								
				PR, F								
		COURSE DESC:		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	<b>CARS</b>	<b>3970T</b>	<b>Classics and Religious Studies HTC Tutorial</b>	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
				REQUISITE: CARS 2981T and HTC								
				PR								
		COURSE DESC:		Individualized tutorial for HTC students only.								
A&S	CARS	<b>CARS</b>	<b>3980T</b>	<b>Classics and Religious Studies HTC Tutorial</b>	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
				REQUISITE: CARS 2970T and HTC								
				PR								
		COURSE DESC:		Individualized tutorial for HTC students only.								
A&S	CARS	<b>CARS</b>	<b>4900</b>	<b>Special Topics in Classics and Religious Studies</b>	Lecture	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Special topics in aspects of Classics and Religious Studies								
A&S	CARS	<b>CARS</b>	<b>4930</b>	<b>Independent Study</b>	Ind Study	1 to 3	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
				REQUISITE: Permission required and one course in CLWR								
				PR								
		COURSE DESC:		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	<b>CARS</b>	<b>4970T</b>	<b>Classics and Religious Studies Tutorial Senior Thesis</b>	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
				REQUISITE: CARS 3980T and HTC and Sr								
				CR, PR								
		COURSE DESC:		Senior thesis for HTC students only.								
A&S	CARS	<b>CARS</b>	<b>4980T</b>	<b>Classics and Religious Studies Tutorial Senior Thesis</b>	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
				REQUISITE: CARS 4970T and HTC and Sr								
				PR								
		COURSE DESC:		Senior thesis for HTC students only.								

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A&S	CARS	<b>CARS</b>	<b>5030</b>	<b>Political Islam</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		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	<b>CARS</b>	<b>5040</b>	<b>Sufism-Mysticism and Asceticism in Islam</b>	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	<b>CARS</b>	<b>5110</b>	<b>Buddhism</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		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	<b>CARS</b>	<b>5220</b>	<b>Thinking About Death: Belief and Practice</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		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	<b>CARS</b>	<b>5250</b>	<b>Contemporary Religious Thought</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		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	<b>CARS</b>	<b>5900</b>	<b>Special Topics in Classics and Religious Studies</b>	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Special topics in aspects of Classics and Religious Studies								
A&S	CARS	<b>CARS</b>	<b>5930</b>	<b>Independent Study</b>	Ind Study	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		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.								
A&S	CARS	<b>CLAR</b>	<b>2050</b>	<b>Archaeology and the Bible</b>	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.								

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A&S	CHEM	<b>CHEM</b>	<b>D015</b>	<b>Preparation for College Chemistry</b>	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	<b>CHEM</b>	<b>1010</b>	<b>Chemistry Applied to Today's World</b>	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	<b>CHEM</b>	<b>1100</b>	<b>Introduction to Pharmacy</b>	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	<b>CHEM</b>	<b>1150</b>	<b>Peer-Led Team Learning for CHEM 1500</b>	Tutorial	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: CHEM 1500 concurrent								
		COURSE DESC:		PR, F 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	<b>CHEM</b>	<b>1151</b>	<b>Peer-Led Team Learning for CHEM 1510</b>	Tutorial	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: CHEM 1510 concurrent								
		COURSE DESC:		PR, F 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	<b>CHEM</b>	<b>1152</b>	<b>Peer-Led Team Learning for Chem 1520</b>	Tutorial	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: CHEM 1520 concurrent								
		COURSE DESC:		PR, F 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	<b>CHEM</b>	<b>1205</b>	<b>Survey of Chemistry for Health Sciences</b>	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	<b>CHEM</b>	<b>1205</b>	<b>Survey of Chemistry for Health Sciences</b>	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	<b>CHEM</b>	<b>1205L</b>	<b>Survey of Chemistry for Health Sciences Laboratory</b>	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	<b>CHEM</b>	<b>1210</b>	<b>Principles of Chemistry I</b>	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	<b>CHEM</b>	<b>1210</b>	<b>Principles of Chemistry I</b>	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	<b>CHEM</b>	<b>1220</b>	<b>Principles of Chemistry II</b>	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  
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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	<b>CHEM</b>	<b>1220</b>	<b>Principles of Chemistry II</b>	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	<b>CHEM</b>	<b>1500</b>	<b>Concepts in Chemistry</b>	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	<b>CHEM</b>	<b>1500</b>	<b>Concepts in Chemistry</b>	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	<b>CHEM</b>	<b>1510</b>	<b>Fundamentals of Chemistry I</b>	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	<b>CHEM</b>	<b>1510</b>	<b>Fundamentals of Chemistry I</b>	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	<b>CHEM</b>	<b>1520</b>	<b>Fundamentals of Chemistry II</b>	Laboratory	4	0	2NS; PNS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in CHEM 1510						
		COURSE DESC:		General course in fundamental chemical principles. Intermolecular forces and phase changes, solutions and colligative properties, chemical kinetics, chemical equilibrium, acid-base equilibria, thermodynamics (entropy and free energy), electrochemistry, descriptive chemistry, and nuclear chemistry. Recommended for majors in chemistry, engineering, biological sciences, plant biology, clinical laboratory science, geological sciences, secondary education (B.S.Ed. in biological sciences, chemistry, physics, and integrated science), and preprofessional (biological science) areas. Credit not allowed for both 1220 and 1520.								
A&S	CHEM	<b>CHEM</b>	<b>1520</b>	<b>Fundamentals of Chemistry II</b>	Lecture	4	0	2NS; PNS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C- or better in CHEM 1510						
		COURSE DESC:		General course in fundamental chemical principles. Intermolecular forces and phase changes, solutions and colligative properties, chemical kinetics, chemical equilibrium, acid-base equilibria, thermodynamics (entropy and free energy), electrochemistry, descriptive chemistry, and nuclear chemistry. Recommended for majors in chemistry, engineering, biological sciences, plant biology, clinical laboratory science, geological sciences, secondary education (B.S.Ed. in biological sciences, chemistry, physics, and integrated science), and preprofessional (biological science) areas. Credit not allowed for both 1220 and 1520.								
A&S	CHEM	<b>CHEM</b>	<b>1520A</b>	<b>Honors Experience in Fundamentals of Chemistry II</b>	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	<b>CHEM</b>	<b>2410</b>	<b>Analytical Chemistry I: Quantitative Analysis and Electrochemistry</b>	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	<b>CHEM</b>	<b>2410L</b>	<b>Analytical Chemistry I Lab</b>	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	<b>CHEM</b>	<b>2900</b>	<b>Special Topics in Chemistry</b>	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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A&S	CHEM	<b>CHEM</b>	<b>2970T</b>	<b>Chemistry Tutorial</b>	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	<b>CHEM</b>	<b>2971T</b>	<b>Chemistry Tutorial</b>	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	<b>CHEM</b>	<b>2980T</b>	<b>Chemistry Tutorial</b>	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	<b>CHEM</b>	<b>2981T</b>	<b>Chemistry Tutorial</b>	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	<b>CHEM</b>	<b>3005</b>	<b>Peer-Led Team Learning for Chem 3050</b>	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	<b>CHEM</b>	<b>3006</b>	<b>Peer-Led Team Learning for Chem 3060</b>	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	<b>CHEM</b>	<b>3010</b>	<b>Organic Chemistry</b>	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	<b>CHEM</b>	<b>3050</b>	<b>Organic Chemistry I</b>	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	<b>CHEM</b>	<b>3060</b>	<b>Organic Chemistry II</b>	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	<b>CHEM</b>	<b>3080</b>	<b>Organic Chemistry Laboratory I</b>	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	<b>CHEM</b>	<b>3085</b>	<b>Organic Chemistry Laboratory II for Non-Majors</b>	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	<b>CHEM</b>	<b>3090</b>	<b>Organic Chemistry Laboratory II Advanced</b>	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.								

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A&S	CHEM	<b>CHEM</b>	<b>3510</b>	<b>Physical Chemistry</b>	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	<b>CHEM</b>	<b>3760</b>	<b>Fundamentals of Inorganic Chemistry</b>	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	<b>CHEM</b>	<b>3922</b>	<b>Science Engagement Practicum</b>	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	<b>CHEM</b>	<b>3970T</b>	<b>Chemistry Tutorial</b>	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	<b>CHEM</b>	<b>3980T</b>	<b>Chemistry Tutorial</b>	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	<b>CHEM</b>	<b>4200</b>	<b>Science Research Literature and Writing</b>	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	<b>CHEM</b>	<b>4310</b>	<b>Analytical Chemistry II: Chromatography and Spectroscopy</b>	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	<b>CHEM</b>	<b>4310L</b>	<b>Analytical Chemistry II Lab</b>	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	<b>CHEM</b>	<b>4500</b>	<b>Fundamentals of Brewing Science</b>	Laboratory	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	21 years of age at the time of enrollment, permission required, senior status; and WARNING: not credit if taken after CHEM 4501						
		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	<b>CHEM</b>	<b>4500</b>	<b>Fundamentals of Brewing Science</b>	Lecture	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	21 years of age at the time of enrollment, permission required, senior status; and WARNING: not credit if taken after CHEM 4501						
		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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A&S	CHEM	<b>CHEM</b>	<b>4501</b>	<b>The Principles of Brewing Science</b>	Laboratory	3	0	3; 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	<b>CHEM</b>	<b>4501</b>	<b>The Principles of Brewing Science</b>	Lecture	3	0	3; 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	<b>CHEM</b>	<b>4530</b>	<b>Physical Chemistry I</b>	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	<b>CHEM</b>	<b>4530L</b>	<b>Physical Chemistry I Laboratory</b>	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	<b>CHEM</b>	<b>4540</b>	<b>Physical Chemistry II</b>	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	<b>CHEM</b>	<b>4540L</b>	<b>Physical Chemistry II Laboratory</b>	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	<b>CHEM</b>	<b>4600</b>	<b>Spectroscopic Methods in Organic Chemistry</b>	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	<b>CHEM</b>	<b>4601</b>	<b>Advanced Organic Laboratory</b>	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	<b>CHEM</b>	<b>4610</b>	<b>Nuclear Magnetic Resonance Spectroscopy Training</b>	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	<b>CHEM</b>	<b>4760</b>	<b>Modern Inorganic Chemistry</b>	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	<b>CHEM</b>	<b>4760L</b>	<b>Advanced Inorganic Laboratory</b>	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.								

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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	<b>CHEM</b>	<b>4800</b>	<b>Advanced Organic Chemistry</b>	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	<b>CHEM</b>	<b>4805</b>	<b>Advanced Organic Synthesis: Reactions and Mechanisms</b>	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	<b>CHEM</b>	<b>4810</b>	<b>Medicinal Chemistry and Drug Discovery</b>	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	<b>CHEM</b>	<b>4840</b>	<b>Forensic Chemistry I: Arson, Explosives and DNA</b>	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	<b>CHEM</b>	<b>4840L</b>	<b>Forensic Chemistry I lab: Arson, Explosives and DNA</b>	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	<b>CHEM</b>	<b>4850</b>	<b>Introduction to Toxicology</b>	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	<b>CHEM</b>	<b>4870</b>	<b>Forensic Chemistry II: Procedures, Drugs and Trace Analysis</b>	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	<b>CHEM</b>	<b>4870L</b>	<b>Forensic Chemistry II Lab</b>	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	<b>CHEM</b>	<b>4880</b>	<b>Microscopy and Imaging</b>	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	<b>CHEM</b>	<b>4890</b>	<b>Basic Biochemistry</b>	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	<b>CHEM</b>	<b>4900</b>	<b>Special Topics in Chemistry</b>	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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A&S	CHEM	<b>CHEM</b>	<b>4901</b>	<b>Biochemistry I</b>	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	<b>CHEM</b>	<b>4902</b>	<b>Biochemistry II</b>	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	<b>CHEM</b>	<b>4903</b>	<b>Biochemical Techniques</b>	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	<b>CHEM</b>	<b>4910</b>	<b>Forensic Chemistry Internship</b>	Internship	1 to 10	10		I	U30		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE: Permission required and forensic chemistry major							
		COURSE DESC:		PR, F Supervised work in approved forensic science lab to gain practical experience. Oral and written reports required.								
A&S	CHEM	<b>CHEM</b>	<b>4911</b>	<b>Chemistry Internship</b>	Internship	3	9	BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE: Permission Required, Senior							
		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	<b>CHEM</b>	<b>4940</b>	<b>Undergraduate Research</b>	Research	1 to 5	15		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE: (Jr or Sr) and 2.75 GPA							
		COURSE DESC:		PR Independent work for qualified upperclass majors in chemistry and related areas. Student may enroll one or more quarters.								
A&S	CHEM	<b>CHEM</b>	<b>4940H</b>	<b>Honors Thesis in Chemistry</b>	Research	1 to 5	15		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE: Permission required and in department honors							
		COURSE DESC:		CR Independent work for meritorious chemistry majors pursuing departmental honors.								
A&S	CHEM	<b>CHEM</b>	<b>4941</b>	<b>Undergraduate Research</b>	Research	3	0	3; 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	<b>CHEM</b>	<b>4970T</b>	<b>Chemistry Tutorial</b>	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	<b>CHEM</b>	<b>4980T</b>	<b>Chemistry Tutorial</b>	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	<b>CHEM</b>	<b>5100</b>	<b>Chemistry Teaching Assistant Training</b>	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	<b>CHEM</b>	<b>5200</b>	<b>Science Research Literature and Writing</b>	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	<b>CHEM</b>	<b>5310</b>	<b>Analytical Chemistry II: Chromatography and Spectroscopy</b>	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.								

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A&S	CHEM	<b>CHEM</b>	<b>5310L</b>	<b>Analytical Chemistry II Lab</b>	Laboratory	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Laboratory work to accompany 4310.								
A&S	CHEM	<b>CHEM</b>	<b>5500</b>	<b>Fundamentals of Brewing Science</b>	Laboratory	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>CHEM</b>	<b>5500</b>	<b>Fundamentals of Brewing Science</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>CHEM</b>	<b>5510</b>	<b>Physical Chemistry</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>CHEM</b>	<b>5530</b>	<b>Physical Chemistry I</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Calculus-based study of thermodynamics with applications to chemical equilibria, mixtures, and phase diagrams.								
A&S	CHEM	<b>CHEM</b>	<b>5540</b>	<b>Physical Chemistry II</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>CHEM</b>	<b>5600</b>	<b>Spectroscopic Methods in Organic Chemistry</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>CHEM</b>	<b>5610</b>	<b>Nuclear Magnetic Resonance Spectroscopy Training</b>	Seminar	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Practical applications of Nuclear Magnetic Resonance Spectroscopy (NMR): introduction, experiments, and instrument training.								
A&S	CHEM	<b>CHEM</b>	<b>5710</b>	<b>Graduate chemistry research training</b>	Laboratory	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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.								

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A&S	CHEM	<b>CHEM</b>	<b>5710</b>	<b>Graduate Chemistry Research Training</b>	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>CHEM</b>	<b>5710</b>	<b>Graduate chemistry research training</b>	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>CHEM</b>	<b>5760</b>	<b>Modern Inorganic Chemistry</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Considers relationship between physical and chemical properties of inorganic substances and nature of bonding and structures involved.								
A&S	CHEM	<b>CHEM</b>	<b>5800</b>	<b>Advanced Organic Chemistry</b>	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	<b>CHEM</b>	<b>5805</b>	<b>Advanced Organic Synthesis: Reactions and Mechanisms</b>	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	<b>CHEM</b>	<b>5810</b>	<b>Medicinal Chemistry and Drug Discovery</b>	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	<b>CHEM</b>	<b>5840</b>	<b>Forensic Chemistry I: Arson, Explosives and DNA</b>	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	<b>CHEM</b>	<b>5840L</b>	<b>Forensic Chemistry I lab: Arson, Explosives and DNA</b>	Laboratory	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Graduate Status Laboratory to accompany CHEM 4840.								
A&S	CHEM	<b>CHEM</b>	<b>5850</b>	<b>Introduction to Toxicology</b>	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	<b>CHEM</b>	<b>5860</b>	<b>Advanced Analytical Chemistry</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>CHEM</b>	<b>5870</b>	<b>Forensic Chemistry II: Procedures, Drugs and Trace Analysis</b>	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	<b>CHEM</b>	<b>5870L</b>	<b>Forensic Chemistry II Lab</b>	Laboratory	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Laboratory work to accompany 4870.								



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A&S	CHEM	<b>CHEM</b>	<b>5880</b>	<b>Microscopy and Imaging</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		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	<b>CHEM</b>	<b>5890</b>	<b>Basic Biochemistry</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	<b>CHEM</b>	<b>5900</b>	<b>Special Topics in Chemistry</b>	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	<b>CHEM</b>	<b>5901</b>	<b>Biochemistry I</b>	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	<b>CHEM</b>	<b>5902</b>	<b>Biochemistry II</b>	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	<b>CHEM</b>	<b>5911</b>	<b>Chemistry Internship</b>	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	<b>CHEM</b>	<b>5920</b>	<b>Chemistry Teaching Practicum</b>	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	<b>CHEM</b>	<b>5922</b>	<b>Science Engagement Practicum</b>	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	<b>CHEM</b>	<b>6900</b>	<b>Special Topics in Chemistry</b>	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	<b>CHEM</b>	<b>6950</b>	<b>Research and Thesis</b>	Thesis	1 to 12	48		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Graduate Status						
		COURSE DESC:		CR, PR	Research and thesis as recommended by department.							
A&S	CHEM	<b>CHEM</b>	<b>7010</b>	<b>Advanced Organic Chemistry I</b>	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	<b>CHEM</b>	<b>7020</b>	<b>Advanced Organic Chemistry II</b>	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.								

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A&S	CHEM	<b>CHEM</b>	<b>7030</b>	<b>Physical Organic Chemistry</b>	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	<b>CHEM</b>	<b>7040</b>	<b>Modern Heterocyclic Chemistry</b>	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	<b>CHEM</b>	<b>7050</b>	<b>Organometallic Chemistry</b>	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	<b>CHEM</b>	<b>7060</b>	<b>Natural Products Chemistry</b>	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	<b>CHEM</b>	<b>7110</b>	<b>Protein Chemistry</b>	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.								
A&S	CHEM	<b>CHEM</b>	<b>7150</b>	<b>Advanced Special Topics in Biochemistry</b>	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	<b>CHEM</b>	<b>7160</b>	<b>Enzymology</b>	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	<b>CHEM</b>	<b>7170</b>	<b>Chemical Biology</b>	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	<b>CHEM</b>	<b>7260</b>	<b>Electroanalytical Chemistry</b>	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	<b>CHEM</b>	<b>7270</b>	<b>Spectrochemical Analysis</b>	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	<b>CHEM</b>	<b>7280</b>	<b>Theory and Principles of Analytical Separation</b>	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	<b>CHEM</b>	<b>7290</b>	<b>Introduction to Chemometrics</b>	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	<b>CHEM</b>	<b>7300</b>	<b>Special Topics in Analytical Chemistry</b>	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	<b>CHEM</b>	<b>7530</b>	<b>Chemical Applications of Group Theory</b>	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.								

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A&S	CHEM	<b>CHEM</b>	<b>7570</b>	<b>Chemical Kinetics</b>	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	<b>CHEM</b>	<b>7580</b>	<b>Solid State Chemistry</b>	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	<b>CHEM</b>	<b>7610</b>	<b>Molecular Structure I</b>	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	<b>CHEM</b>	<b>7750</b>	<b>Theoretical Inorganic Chemistry</b>	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	<b>CHEM</b>	<b>7760</b>	<b>Chemistry of the Representative Elements</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 5760								
		COURSE DESC:		Descriptive chemistry of main group elements.								
A&S	CHEM	<b>CHEM</b>	<b>7770</b>	<b>Chemistry of Transition Elements</b>	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	<b>CHEM</b>	<b>7780</b>	<b>Chemistry of Heavy Elements</b>	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	<b>CHEM</b>	<b>7900</b>	<b>Special Topics in Inorganic Chemistry</b>	Lecture	4	16		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 5760								
		COURSE DESC:		Lectures in this seminar varies.								
A&S	CHEM	<b>CHEM</b>	<b>7901</b>	<b>Special Topics in Organic Chemistry</b>	Lecture	4	16		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 5800								
		COURSE DESC:		Selected topics of current interest.								
A&S	CHEM	<b>CHEM</b>	<b>7950</b>	<b>Special Topics in Physical Chemistry</b>	Lecture	4	16		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 5510								
		COURSE DESC:		Lectures in this seminar varies.								
A&S	CHEM	<b>CHEM</b>	<b>8900</b>	<b>Special Topics in Chemistry</b>	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	<b>CHEM</b>	<b>8915</b>	<b>Advanced Seminar in Research Development and Leadership</b>	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	<b>CHEM</b>	<b>8950</b>	<b>Doctoral Research and Dissertation</b>	Thesis	1 to 12	120		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Status								
		COURSE DESC:		CR, PR Research and dissertation as recommended by department.								
A&S	CHEM	<b>CHEM</b>	<b>8960</b>	<b>Inorganic Chemistry Seminar</b>	Seminar	1	20		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate Status								
		COURSE DESC:		CR, PR Required of inorganic chemistry majors. Selected topics from current literature presented by participating students and staff.								

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A&S	CHEM	<b>CHEM</b>	<b>8970</b>	<b>Organic Chemistry Seminar</b>	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	<b>CHEM</b>	<b>8980</b>	<b>Physical Chemistry Seminar</b>	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	<b>CHEM</b>	<b>8990</b>	<b>Analytical Chemistry Seminar</b>	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	<b>T3</b>	<b>4922</b>	<b>Science Engagement Research</b>	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.								

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A&S	CLWR	<b>CLAR</b>	<b>1110</b>	<b>The Wonders of the Ancient Mediterranean</b>	Lecture	3	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Fr or Soph								
		COURSE DESC:		Provides a broad overview of the archaeology of the Mediterranean world from the time of the Old Kingdom in Egypt (3rd millennium BC) to the early Byzantine period (6th century AD). Organized around iconic structures from the main cultures and time periods covered. Each site will be used individually as a vehicle for studying broader aspects of the society that produced it. Explores why it is particularly significant and representative of that society. Questions include: Why were lists of "wonders" made in the first place? What was the political significance of creating a "wonder"? What effect did the original Seven Wonders have on the monuments that came later? What effect did the wonders have on the modern imagination and the archaeologists devoted to rediscovering them?								
A&S	CLWR	<b>CLAR</b>	<b>3640</b>	<b>Craft and Technology in the Roman World</b>	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	<b>CLAR</b>	<b>3660</b>	<b>Archaeology and Art: Contexts and Controversies</b>	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	<b>CLAS</b>	<b>4931H</b>	<b>Departmental Honors Thesis</b>	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:		CR, PR 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	<b>CLAS</b>	<b>5900</b>	<b>Special Topics in Classics</b>	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Special topics in Classical literature, civilization and archaeology.								
A&S	CLWR	<b>CLAS</b>	<b>5930</b>	<b>Independent Study in Classical Literature</b>	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	<b>CLWR</b>	<b>442</b>	<b>CONFUCIANISM</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Examination of the texts associated with Confucius and the religious, social, and intellectual aspects of their history.								
A&S	CLWR	<b>CLWR</b>	<b>4420</b>	<b>Religious Experience</b>	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	<b>CLWR</b>	<b>471</b>	<b>AFRICAN RELIGIONS</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Study of the world views of African traditional cultures expressed in myths, art, beliefs, and practices.								
A&S	CLWR	<b>CLWR</b>	<b>482</b>	<b>THINKING ABOUT DEATH</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Survey and analysis of human thought and practice regarding death.								
A&S	CLWR	<b>CLWR</b>	<b>484</b>	<b>WOMEN AND RELIGION</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Examines the ways in which women exercise authority in religious traditions and the ways they have been innovative and reinterpreted or reappropriated patriarchal texts or structures.								

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A&S	CLWR	<b>CLWR</b>	<b>5330</b>	<b>Islam</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Introduces Islam as a religious and cultural system. Topics include pre-Islamic Arabia, the Prophet Muhammad and the first Muslims, the Qur'an and shari'a, basic ritual practices, mysticism, theology and philosophy, Shi'ism, the visual and musical arts, women, modernism, fundamentalism, and Islam in the USA. Draws on historical, sociological, anthropological, and literary-critical approaches and utilizes a range of primary and secondary material to examine the development of Islamic religious practices and ideals as they interact with larger social and cultural processes. While we will be concerned to understand how practitioners of Islam interpret their beliefs and actions, we will also place 'insider' perspectives in a broader social and historical context. Religion is a segment of culture, and thus we undertake our inquiry into Islam in the spirit of the Quranic injunction that 'humanity consider from what it is created'.								
A&S	CLWR	<b>CLWR</b>	<b>5340</b>	<b>Hinduism</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Explores Hindu concepts and practices through readings, films, and slide presentations. Traces the origin and development of Hinduism from its roots in Vedic ritual and the indigenous civilizations of Mohenjo Daro and Harrapa. Introduces the Upanishads (perhaps the earliest philosophical texts), the great Hindu Epics, Mahabharata and Ramayana, the Sastras (manuals on Hindu life dating from the early centuries of the current era), the Puranas (medieval compositions telling the stories of the gods), Tantra (an esoteric form of Hinduism), the artistic traditions of Hinduism, and modern Hindu political movements. Special emphasis placed on the Gandhi's interpretation of Hindu teachings of non-violence. 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	<b>CLWR</b>	<b>5810</b>	<b>Myth, Ritual and Symbolism</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Exploration of symbolic thought and the function of myth in contemporary societies. Three case studies are treated comparatively. Research paper required.								
A&S	CLWR	<b>GK</b>	<b>1110</b>	<b>Beginning Greek I</b>	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	<b>GK</b>	<b>1120</b>	<b>Beginning Greek II</b>	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.								
A&S	CLWR	<b>GK</b>	<b>2110</b>	<b>Intermediate Greek I</b>	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	<b>GK</b>	<b>2120</b>	<b>Intermediate Greek II</b>	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	<b>GK</b>	<b>2710</b>	<b>Demotic Greek I</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Beginning demotic (modern) Greek.								
A&S	CLWR	<b>GK</b>	<b>2720</b>	<b>Demotic Greek II</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: GK 2710								
		COURSE DESC:		Continuation of demotic (modern) Greek.								
A&S	CLWR	<b>GK</b>	<b>2900</b>	<b>Special Topics in Greek</b>	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	<b>GK</b>	<b>3110</b>	<b>Archaic Greek Poetry</b>	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	<b>GK</b>	<b>3120</b>	<b>Greek Drama</b>	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	<b>GK</b>	<b>3130</b>	<b>Greek Sophists and Philosophers</b>	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.								

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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	CLWR	<b>GK</b>	<b>3140</b>	<b>Greek Historians</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: GK 2120								
				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	<b>GK</b>	<b>3160</b>	<b>The Greek New Testament and the Milieu of Early Christianity</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: GK 2120								
				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	<b>GK</b>	<b>4900</b>	<b>Special Topics in Greek Literature</b>	Lecture	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: GK 2120								
				Special topics in Greek literature, authors and genres.								
A&S	CLWR	<b>GK</b>	<b>4930</b>	<b>Independent Study in Greek</b>	Ind Study	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
				REQUISITE: GK 2120 or 3 years Greek								
				PR								
		COURSE DESC:		Independent or guided study in topics of Greek literature								
A&S	CLWR	<b>GK</b>	<b>5010</b>	<b>Beginning Greek I</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
				REQUISITE:								
				CR, PR								
		COURSE DESC:		Introduction to reading classical Greek. Focus on Greek grammar and reading Greek texts adapted from classical originals.								
A&S	CLWR	<b>GK</b>	<b>5020</b>	<b>Beginning Greek II</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
				REQUISITE: GK 5010								
				CR, PR								
		COURSE DESC:		Introduction to reading classical Greek, continued. Conclusion of study of elementary grammar and reading classical texts that are increasingly complex and less adapted. At completion, ready to begin reading Homer, Plato, the New Testament, or other Greek classics.								
A&S	CLWR	<b>GK</b>	<b>5110</b>	<b>Intermediate Greek I</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
				REQUISITE: GK 5020								
				CR, PR								
		COURSE DESC:		Study of short readings from ancient authors. Examples include the Platonic myths of creation (Protagoras) and of sexuality (Symposium).								
A&S	CLWR	<b>GK</b>	<b>5120</b>	<b>Intermediate Greek II</b>	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	<b>GK</b>	<b>5210</b>	<b>Archaic Greek Poetry</b>	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	<b>GK</b>	<b>5220</b>	<b>Greek Drama</b>	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	<b>GK</b>	<b>5230</b>	<b>Greek Sophists and Philosophers</b>	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	<b>GK</b>	<b>5240</b>	<b>Greek Historians</b>	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	<b>GK</b>	<b>5260</b>	<b>The Greek New Testament and the Milieu of Early Christianity</b>	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.								

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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	<b>GK</b>	<b>5710</b>	<b>Demotic Greek I</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Beginning demotic (modern) Greek.								
A&S	CLWR	<b>GK</b>	<b>5720</b>	<b>Demotic Greek II</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GK 5710						
		COURSE DESC:		Continuation of demotic (modern) Greek.								
A&S	CLWR	<b>GK</b>	<b>5900</b>	<b>Special Topics in Greek Literature</b>	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR Special topics in Greek literature, authors and genres.								
A&S	CLWR	<b>GK</b>	<b>5930</b>	<b>Independent Study in Greek</b>	Ind Study	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR Independent or guided study in topics in Greek literature.								
A&S	CLWR	<b>LAT</b>	<b>1110</b>	<b>Beginning Latin I</b>	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	<b>LAT</b>	<b>1120</b>	<b>Beginning Latin II</b>	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	<b>LAT</b>	<b>2110</b>	<b>Intermediate Latin I</b>	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	<b>LAT</b>	<b>2120</b>	<b>Intermediate Latin II</b>	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.								
A&S	CLWR	<b>LAT</b>	<b>2900</b>	<b>Special Topics in Latin</b>	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	<b>LAT</b>	<b>3110</b>	<b>Latin Prose and Poetry I</b>	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	<b>LAT</b>	<b>3120</b>	<b>Latin Prose and Poetry II</b>	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	<b>LAT</b>	<b>4110</b>	<b>Advanced Latin Literature I</b>	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	<b>LAT</b>	<b>4120</b>	<b>Advanced Latin Literature II</b>	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	<b>LAT</b>	<b>4900</b>	<b>Special Topics in Latin Literature</b>	Lecture	3	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	LAT 2120						
		COURSE DESC:		Special topics in Latin literature, authors and genres.								



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A&S	CLWR	<b>LAT</b>	<b>4930</b>	<b>Independent Study in Latin</b>	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:		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	<b>LAT</b>	<b>5010</b>	<b>Beginning Latin I</b>	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	<b>LAT</b>	<b>5020</b>	<b>Beginning Latin II</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: LAT 5010								
		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. (Credit does not count toward degree.)								
A&S	CLWR	<b>LAT</b>	<b>5110</b>	<b>Studies in Latin Literature of the Republic I</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: LAT 5020 or equivalent								
		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	<b>LAT</b>	<b>5120</b>	<b>Studies in Latin Literature of the Republic II</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: LAT 5110								
		COURSE DESC:		Continuation of 5110. Extensive reading or study of special topics in period.								
A&S	CLWR	<b>LAT</b>	<b>5210</b>	<b>Studies in Latin Literature of the Early Empire I</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: LAT 5120								
		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. work. Translation and essay exams, oral reports, and individualized research projects.								
A&S	CLWR	<b>LAT</b>	<b>5220</b>	<b>Studies in Latin Literature of the Early Empire II</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: LAT 5120								
		COURSE DESC:		Continuation of 5210. Extensive reading of selected authors and/or study of special topics in period.								
A&S	CLWR	<b>LAT</b>	<b>5310</b>	<b>Graduate Readings in Latin Literature I</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: LAT 5120								
		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	<b>LAT</b>	<b>5320</b>	<b>Graduate Readings in Latin Literature II</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: LAT 5120								
		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	<b>LAT</b>	<b>5900</b>	<b>Special Topics in Latin Literature</b>	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	<b>LAT</b>	<b>5930</b>	<b>Independent Study in Latin</b>	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.								

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A&S	CLWR	T3	4040	<b>Reconstructing Roman Slavery</b>	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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A&S	ECON	<b>ECON</b>	<b>1000</b>	<b>Survey of Economics</b>	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	<b>ECON</b>	<b>1030</b>	<b>Principles of Microeconomics</b>	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	<b>ECON</b>	<b>1040</b>	<b>Principles of Macroeconomics</b>	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	<b>ECON</b>	<b>2020</b>	<b>Gender in the Economy</b>	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	<b>ECON</b>	<b>2130</b>	<b>Current Economic Problems</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR						
		COURSE DESC:		This course applies economic theory to current economic problems with emphasis on public policy implications.								
A&S	ECON	<b>ECON</b>	<b>2150</b>	<b>Frontiers of Economics</b>	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	<b>ECON</b>	<b>2200</b>	<b>Introduction to Economic Data Analysis Using Python</b>	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	<b>ECON</b>	<b>2300</b>	<b>Society, Technology and Economic Growth</b>	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	<b>ECON</b>	<b>2350</b>	<b>Sustainability Economics: Energy and Environment in the Modern World</b>	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	<b>ECON</b>	<b>2400</b>	<b>International Trade Relations and Applications</b>	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.								

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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	ECON	<b>ECON</b>	<b>2510</b>	<b>Global and Local Food Economies</b>	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	<b>ECON</b>	<b>2600</b>	<b>Economics of Health Disparities</b>	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	<b>ECON</b>	<b>2700</b>	<b>Economics of Conflict</b>	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	<b>ECON</b>	<b>2890</b>	<b>Economic Data Analysis with Excel and SAS</b>	Lecture	3	0	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	<b>ECON</b>	<b>2900</b>	<b>Special Topics in Economics</b>	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	<b>ECON</b>	<b>2970T</b>	<b>Economics Tutorial</b>	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	<b>ECON</b>	<b>2971T</b>	<b>Economics Tutorial</b>	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	<b>ECON</b>	<b>2980T</b>	<b>Economics Tutorial</b>	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	<b>ECON</b>	<b>2981T</b>	<b>Economics Tutorial</b>	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	<b>ECON</b>	<b>3000</b>	<b>Mathematics for Economists</b>	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	<b>ECON</b>	<b>3010C</b>	<b>Economics of Altruism</b>	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	<b>ECON</b>	<b>3020</b>	<b>Games and Economic Behavior</b>	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.							

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A&S	ECON	<b>ECON</b>	<b>3030</b>	<b>Intermediate Microeconomics</b>	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	<b>ECON</b>	<b>3040</b>	<b>Intermediate Macroeconomics</b>	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	<b>ECON</b>	<b>3050</b>	<b>Managerial Economics</b>	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	<b>ECON</b>	<b>3070</b>	<b>Economic Data Analysis</b>	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	<b>ECON</b>	<b>3080</b>	<b>Behavioral Economics</b>	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	<b>ECON</b>	<b>3100J</b>	<b>Writing on Economic Issues</b>	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	<b>ECON</b>	<b>3120C</b>	<b>Economics of Poverty</b>	Lecture	3	0		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	<b>ECON</b>	<b>3130</b>	<b>Economics of the Environment</b>	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	<b>ECON</b>	<b>3140</b>	<b>Natural Resource Economics</b>	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	<b>ECON</b>	<b>3150</b>	<b>Economics of Health Care</b>	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	<b>ECON</b>	<b>3160</b>	<b>Economics and the Law</b>	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.								
A&S	ECON	<b>ECON</b>	<b>3200</b>	<b>Labor Economics</b>	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.								

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A&S	ECON	<b>ECON</b>	<b>3200A</b>	<b>Honors Experience: Labor Economics</b>	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	<b>ECON</b>	<b>3220</b>	<b>Economics of Human Resources</b>	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	<b>ECON</b>	<b>3320</b>	<b>Industrial Organization</b>	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	<b>ECON</b>	<b>3340</b>	<b>Economics of Antitrust</b>	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	<b>ECON</b>	<b>3350</b>	<b>Economics of Energy</b>	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	<b>ECON</b>	<b>3370</b>	<b>Economics of Regulation</b>	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	<b>ECON</b>	<b>3400</b>	<b>International Trade</b>	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	<b>ECON</b>	<b>3410</b>	<b>International Monetary Systems</b>	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	<b>ECON</b>	<b>3430</b>	<b>Financial Economics</b>	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	<b>ECON</b>	<b>3500</b>	<b>Development Economics</b>	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	<b>ECON</b>	<b>3510</b>	<b>Agricultural Development</b>	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.								
A&S	ECON	<b>ECON</b>	<b>3520</b>	<b>Economic History of the United States</b>	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.								

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A&S	ECON	<b>ECON</b>	<b>3530</b>	<b>European Economic History</b>	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	<b>ECON</b>	<b>3600</b>	<b>Money and Banking</b>	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	<b>ECON</b>	<b>3710</b>	<b>Cost Benefit Analysis</b>	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	<b>ECON</b>	<b>3810</b>	<b>Economic Statistics</b>	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	<b>ECON</b>	<b>3970T</b>	<b>Economics Tutorial</b>	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	<b>ECON</b>	<b>3980T</b>	<b>Economics Tutorial</b>	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	<b>ECON</b>	<b>4060</b>	<b>Monetary Theory and Policy</b>	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	<b>ECON</b>	<b>4150</b>	<b>Regional Analysis</b>	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	<b>ECON</b>	<b>4250</b>	<b>Government and Economic Policy</b>	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	<b>ECON</b>	<b>4300</b>	<b>Public Finance</b>	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	<b>ECON</b>	<b>4440</b>	<b>Futures Markets</b>	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	<b>ECON</b>	<b>4550</b>	<b>Economics of Africa</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ECON 3500						
		COURSE DESC:		Analysis of African Economies								
A&S	ECON	<b>ECON</b>	<b>4730</b>	<b>Economics of Southeast Asia</b>	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.								

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A&S	ECON	<b>ECON</b>	<b>4740</b>	<b>Economics of Latin America</b>	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	<b>ECON</b>	<b>4750</b>	<b>Economics of China</b>	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	<b>ECON</b>	<b>4760</b>	<b>Economics of Korea, Japan, and Southeast Asia</b>	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	<b>ECON</b>	<b>4850</b>	<b>Economic Methodology</b>	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ECON 3040 and (3030 or 3050) and (3810 or QBA 2720)						
		COURSE DESC:		This course utilizes statistical testing of economic hypotheses using linear regression techniques. The economic models tested are those commonly employed in the microeconomic and macroeconomic literature.								
A&S	ECON	<b>ECON</b>	<b>4870</b>	<b>Introduction to Econometrics</b>	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	<b>ECON</b>	<b>4890</b>	<b>Economics with SAS</b>	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	<b>ECON</b>	<b>4900</b>	<b>Special Topics in Economics</b>	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	ECON	<b>ECON</b>	<b>4910</b>	<b>Internship in Economics</b>	Internship	3	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	ECON 1030 and 1040 and 3810						
		COURSE DESC:		CR	This class represents an internship for a student. Internships must be supervised by a faculty member.							
A&S	ECON	<b>ECON</b>	<b>4930</b>	<b>Readings</b>	Ind Study	1 to 3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR	Readings in selected fields of economics. Topics selected by student in consultation with faculty member.							
A&S	ECON	<b>ECON</b>	<b>4940</b>	<b>Independent Research</b>	Research	1 to 3	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR	Methodology, analysis of data, and preparation of research findings.							
A&S	ECON	<b>ECON</b>	<b>4970T</b>	<b>Economics Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR	Thesis Tutorial							
A&S	ECON	<b>ECON</b>	<b>4980T</b>	<b>Economics Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR	Thesis Tutorial							



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A&S	ECON	<b>ECON</b>	<b>5010C</b>	<b>Economics of Altruism</b>	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	<b>ECON</b>	<b>5020</b>	<b>Games and Economic Behavior</b>	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	<b>ECON</b>	<b>5030</b>	<b>Intermediate Microeconomics</b>	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	<b>ECON</b>	<b>5040</b>	<b>Intermediate Macroeconomics</b>	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	<b>ECON</b>	<b>5050</b>	<b>Managerial Economics</b>	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	<b>ECON</b>	<b>5060</b>	<b>Monetary Theory and Policy</b>	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	<b>ECON</b>	<b>5070</b>	<b>Economic Data Analysis</b>	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	<b>ECON</b>	<b>5120</b>	<b>Economics of Poverty</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				Incidence, causes, measurement and analysis of poverty worldwide. This is a designated service learning course.								
A&S	ECON	<b>ECON</b>	<b>5130</b>	<b>Economics of the Environment</b>	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.								
A&S	ECON	<b>ECON</b>	<b>5140</b>	<b>Natural Resource Economics</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				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.								

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A&S	ECON	<b>ECON</b>	<b>5150</b>	<b>Economics of Health Care</b>	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	<b>ECON</b>	<b>5200</b>	<b>Labor Economics</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		CR	Demand for labor, supply of labor, household production, compensating wage differentials, education and training, discrimination, unions, and unemployment.							
A&S	ECON	<b>ECON</b>	<b>5220</b>	<b>Economics of Human Resources</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR	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	<b>ECON</b>	<b>5250</b>	<b>Government and Economic Policy</b>	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	<b>ECON</b>	<b>5300</b>	<b>Public Finance</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR	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	<b>ECON</b>	<b>5320</b>	<b>Industrial Organization</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR	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	<b>ECON</b>	<b>5340</b>	<b>Economics of Antitrust</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR	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	<b>ECON</b>	<b>5350</b>	<b>Economics of Energy</b>	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	<b>ECON</b>	<b>5370</b>	<b>Economics of Regulation</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	ECON 6002						
		COURSE DESC:		CR, PR	This course examines the theory and practice of economic, health, safety, and environmental regulations.							
A&S	ECON	<b>ECON</b>	<b>5400</b>	<b>International Trade</b>	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.								
A&S	ECON	<b>ECON</b>	<b>5410</b>	<b>International Monetary Systems</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	How exchange rates are determined, fixed vs. flexible rates, government intervention, fiscal and monetary policy in open economy, transmission of inflation and unemployment among nations, international capital movements, covered interest arbitrage, forward exchange, Euro-currency markets.							

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A&S	ECON	<b>ECON</b>	<b>5500</b>	<b>Development Economics</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		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	<b>ECON</b>	<b>5510</b>	<b>Agricultural Development</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		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	<b>ECON</b>	<b>5520</b>	<b>Economic History of the United States</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Economic factors in development of U.S., including historical growth of economic institutions such as banking, manufacturing, labor unions, and agriculture, from colonial times to present.								
A&S	ECON	<b>ECON</b>	<b>5530</b>	<b>European Economic History</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Economic growth of developed countries. Focus on industrial revolutions in Great Britain, France, Germany, and the former Soviet Union. Historical experience of these countries related to various theories of economic change.								
A&S	ECON	<b>ECON</b>	<b>5550</b>	<b>Economics of Africa</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Analysis of African Economies								
A&S	ECON	<b>ECON</b>	<b>5600</b>	<b>Money and Banking</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Role of money and banking system in determination of national income and output.								
A&S	ECON	<b>ECON</b>	<b>5710</b>	<b>Cost Benefit Analysis</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		A systematic treatment of all the concepts underlying benefit cost analysis combined with hands on experience in using cost benefit analysis to evaluate actual public projects.								
A&S	ECON	<b>ECON</b>	<b>5730</b>	<b>Economics of Southeast Asia</b>	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	<b>ECON</b>	<b>5740</b>	<b>Economics of Latin America</b>	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Economics of Latin American countries, prospects for economic development of the region, nature and origin of institutional obstacles to economic change. Economic heritage of colonial period and subsequent evolution of economic institutions, resources of the area and utilization, and trends in economic activity and policy in post-WWII period.								
A&S	ECON	<b>ECON</b>	<b>5750</b>	<b>Economics of China</b>	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		This course examines the history and development of the Chinese economy. The emphasis is given to the transformation of the Chinese economy into a market economy with its special characteristics.								
A&S	ECON	<b>ECON</b>	<b>5760</b>	<b>Economics of Korea, Japan, and Southeast Asia</b>	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Study the economic characteristics, current economic problems, and future growth prospects for these economies.								

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A&S	ECON	<b>ECON</b>	<b>5810</b>	<b>Economic Statistics</b>	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	<b>ECON</b>	<b>5890</b>	<b>Economics with SAS</b>	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	<b>ECON</b>	<b>5892</b>	<b>Economics with SAS</b>	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	<b>ECON</b>	<b>5900</b>	<b>Special Topics in Economics</b>	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	<b>ECON</b>	<b>6000</b>	<b>Managerial Economics</b>	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ECON 3030 or 3050 CR, PR								
		COURSE DESC:		Measuring economic relationships, analyzing market behavior, and examining some major economic decisions of business firm.								
A&S	ECON	<b>ECON</b>	<b>6001</b>	<b>Mathematical Economics Foundations</b>	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	<b>ECON</b>	<b>6002</b>	<b>Statistical Foundations</b>	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	<b>ECON</b>	<b>6003</b>	<b>Mathematical Economics and Economic Statistics</b>	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	<b>ECON</b>	<b>6030</b>	<b>Advanced Microeconomic Theory I</b>	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	<b>ECON</b>	<b>6031</b>	<b>Advanced Microeconomics Theory II</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ECON 6030 CR, PR								
		COURSE DESC:		This course is the second course in a two-course sequence in microeconomics. The course continues with the same textbook as ECON 6030 while addressing the concepts of general equilibrium, welfare economics and imperfect competition.								
A&S	ECON	<b>ECON</b>	<b>6040</b>	<b>Advanced Macroeconomic Theory</b>	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	<b>ECON</b>	<b>6041</b>	<b>Advanced Macroeconomic Theory II</b>	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.								

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A&S	ECON	<b>ECON</b>	<b>6350</b>	<b>Econometrics I</b>	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ECON 6001 and 6002 CR, PR								
		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	<b>ECON</b>	<b>6360</b>	<b>Econometrics II</b>	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ECON 6350 CR, PR								
		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	<b>ECON</b>	<b>6370</b>	<b>Applied Forecasting</b>	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	<b>ECON</b>	<b>6380</b>	<b>Applied Econometrics</b>	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ECON 6350 CR, PR								
		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	<b>ECON</b>	<b>6900</b>	<b>Special Topics</b>	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		This class will be a seminar to cover special topics in Economics.								
A&S	ECON	<b>ECON</b>	<b>6910</b>	<b>Internship</b>	Internship	4 to 8	8		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: 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	<b>ECON</b>	<b>6930</b>	<b>Independent Study</b>	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	<b>ECON</b>	<b>6940</b>	<b>Research</b>	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	<b>ECON</b>	<b>6950</b>	<b>Master's Thesis</b>	Thesis	4	12		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Writing of scholarly papers in areas of economics. Required for all master's candidates.								
A&S	ECON	<b>ECON</b>	<b>6960</b>	<b>Master's Paper</b>	Seminar	4	12		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Writing of scholarly papers in areas of economics.								
A&S	ECON	<b>ECON</b>	<b>6980</b>	<b>Colloquium</b>	Seminar	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Selected topics of current interest.								
A&S	ECON	<b>MFE</b>	<b>6000</b>	<b>Quantitative Analysis for Financial Markets</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
SORTED BY 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	<b>MFE</b>	<b>6010</b>	<b>Macroeconomics and Business Fluctuations</b>	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	<b>MFE</b>	<b>6050</b>	<b>Managerial Economics</b>	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Measuring economic relationships, analyzing market behavior of consumers and firms, and examining some major economic decisions of business firm.								
A&S	ECON	<b>MFE</b>	<b>6100</b>	<b>Managerial Accounting</b>	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	<b>MFE</b>	<b>6110</b>	<b>Financial Statement Analysis</b>	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Solid foundation in the environment of financial reporting.								
A&S	ECON	<b>MFE</b>	<b>6200</b>	<b>Corporate Finance</b>	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	<b>MFE</b>	<b>6210</b>	<b>Financial Management II</b>	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Application of financial theory and analysis techniques to major financial decisions facing managers.								
A&S	ECON	<b>MFE</b>	<b>6220</b>	<b>Quantitative Analysis in Equity Markets</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MFE 6390 PR								
		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	<b>MFE</b>	<b>6230</b>	<b>Portfolio Theory</b>	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		The decision making process in the management of individual and institutional securities portfolios.								
A&S	ECON	<b>MFE</b>	<b>6250</b>	<b>Financial Management and Equity Valuation</b>	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	<b>MFE</b>	<b>6390</b>	<b>Statistics and Econometrics: Theory and Application</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Classical linear regression and various diagnostic tests and remedies for violations of classical assumptions, and various forecasting models.								
A&S	ECON	<b>MFE</b>	<b>6400</b>	<b>International Macroeconomics and Financial Markets</b>	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.								

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A&S	ECON	<b>MFE</b>	<b>6440</b>	<b>Futures, Options, and Other Derivatives</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>MFE</b>	<b>6500</b>	<b>Fixed Income Analysis</b>	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		CR, PR	REQUISITE: 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	<b>MFE</b>	<b>6900</b>	<b>Special Topics in Master Financial Economics</b>	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.							
A&S	ECON	<b>MFE</b>	<b>6910</b>	<b>Internship</b>	Internship	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,								
		COURSE DESC:		PR, F	REQUISITE: Permission required							
		COURSE DESC:		Complete an internship and write a paper on topic in financial economics.								
A&S	ECON	<b>MFE</b>	<b>6930</b>	<b>Independent Study</b>	Ind Study	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		CR, PR	REQUISITE: Readings in selected fields in economics under direction of staff member.							
A&S	ECON	<b>MFE</b>	<b>6940</b>	<b>Research</b>	Research	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		CR, PR	REQUISITE: Research in selected fields of financial economics under supervision of staff member.							
A&S	ECON	<b>MFE</b>	<b>6944</b>	<b>Code of Ethics and Standards of Practice</b>	Lecture	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MFE 6230, 6500	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	<b>MFE</b>	<b>6945</b>	<b>Financial Research Report</b>	Seminar	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,								
		COURSE DESC:		PR, F	REQUISITE: MFE 6110, 6220, 6230, 6390, 6440, 6500							
		COURSE DESC:		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	<b>MFE</b>	<b>6950</b>	<b>Master's Thesis</b>	Thesis	4	12		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,								
		COURSE DESC:		PR, F	REQUISITE: MFE 6000 and 6390							
		COURSE DESC:		Writing of scholarly papers in areas of financial economics. A thesis must follow the format of the Graduate College.								
A&S	ECON	<b>MFE</b>	<b>6960</b>	<b>Master's Paper</b>	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,								
		COURSE DESC:		PR, F	REQUISITE: MFE 6000 and 6390							
		COURSE DESC:		Writing a scholarly paper in the area of financial economics. A masters paper is different than a masters thesis in that a student writing a masters paper is not required follow the thesis format of the Graduate College.								
A&S	ECON	<b>MFE</b>	<b>6980</b>	<b>Colloquium</b>	Seminar	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,								
		COURSE DESC:		PR, F	REQUISITE: Selected topics of current interest.							

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COURSE LISTING  
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A&S	ENG	<b>ENG</b>	<b>D150</b>	<b>Developmental Writing Skills</b>	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	<b>ENG</b>	<b>D160</b>	<b>Fundamental English Usage Skills</b>	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	<b>ENG</b>	<b>1100</b>	<b>Crossing Cultures with Text</b>	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 popular and 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	<b>ENG</b>	<b>1510</b>	<b>Writing and Rhetoric I</b>	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	<b>ENG</b>	<b>1510L</b>	<b>Writing and Rhetoric I Laboratory</b>	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	<b>ENG</b>	<b>1600</b>	<b>Introduction to Shakespeare in Film</b>	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	<b>ENG</b>	<b>1610</b>	<b>Freshman Composition: Writing and Rhetoric</b>	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	<b>ENG</b>	<b>2010</b>	<b>Introduction to Prose Fiction and Nonfiction</b>	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	<b>ENG</b>	<b>2020</b>	<b>Introduction to Poetry and Drama</b>	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	<b>ENG</b>	<b>2100</b>	<b>Critical Approaches to Popular Literature</b>	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	<b>ENG</b>	<b>2100A</b>	<b>Honors Experience: Critical Approaches to Reading, Writing, and Playing Fantasy</b>	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	<b>ENG</b>	<b>2200</b>	<b>Introduction to Literature and Medicine</b>	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.								



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A&S	ENG	<b>ENG</b>	<b>2310</b>	<b>Speculative Fiction</b>	Lecture	3	0	2HL; ACSW	N	U30		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	<b>ENG</b>	<b>2320</b>	<b>Literature and Social Justice</b>	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	<b>ENG</b>	<b>2510</b>	<b>British Literature I</b>	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 to 1785. Students will explore significant literary movements, innovations, and authors, placing them in their historical and cultural context.								
A&S	ENG	<b>ENG</b>	<b>2520</b>	<b>British Literature II</b>	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	<b>ENG</b>	<b>2530</b>	<b>American Literature I</b>	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	<b>ENG</b>	<b>2540</b>	<b>American Literature II</b>	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	<b>ENG</b>	<b>2800</b>	<b>Writing with Research</b>	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	<b>ENG</b>	<b>2820</b>	<b>Writing About Literature as Social Action</b>	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	<b>ENG</b>	<b>2900</b>	<b>Special Topics in English</b>	Lecture	3	24		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
				CR								
		COURSE DESC:		Specific course content will vary with offering.								
A&S	ENG	<b>ENG</b>	<b>2970T</b>	<b>Introduction to English Studies</b>	Tutorial	1 to 12	13		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
				REQUISITE: Admission to Honors Tutorial Program in English								
		COURSE DESC:		PR								
				Introduces first-semester students to the discipline and practice of English studies, including textual analysis, research, writing, and critical theory. Format is both seminar and individual tutorial.								
A&S	ENG	<b>ENG</b>	<b>2971T</b>	<b>Later British Literature</b>	Tutorial	1 to 12	13		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
				REQUISITE: HTC								
		COURSE DESC:		PR								
				Intensive study through reading, writing, discussion, and tutorial conferencing of the poetry, prose, and drama of 18th-, 19th-, and 20th- century England (1689-2000)								
A&S	ENG	<b>ENG</b>	<b>2980T</b>	<b>Early British Literature</b>	Tutorial	1 to 12	13		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
				REQUISITE: HTC								
		COURSE DESC:		PR								
				Intensive study through reading, writing, discussion, and tutorial conferencing of the poetry, prose, and drama of Anglo-Saxon, Medieval, and Early Modern England (700 C.E. to 1688 C.E.).								

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A&S	ENG	<b>ENG</b>	<b>2981T</b>	<b>American Literature</b>	Tutorial	1 to 12	13		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC								
		COURSE DESC:		PR Intensive study through reading, writing, discussion, and tutorial conferencing of American poetry, prose, and drama from the 17th century to the present.								
A&S	ENG	<b>ENG</b>	<b>3010</b>	<b>Shakespeare</b>	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	<b>ENG</b>	<b>3020</b>	<b>Topics in Shakespeare</b>	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	<b>ENG</b>	<b>3030J</b>	<b>Writing, Reading, and Rhetoric in the Professions</b>	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	<b>ENG</b>	<b>3040</b>	<b>English Bible</b>	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	<b>ENG</b>	<b>3050J</b>	<b>Advanced Multilingual Writing and Rhetoric</b>	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	<b>ENG</b>	<b>3060A</b>	<b>Honors Experience: Women and Writing: New Woman Fiction</b>	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: ENG 3060J concurrent and student in the OHIO Honors program								
		COURSE DESC:		NC OHIO Honors curricular experience in Women and Writing: New Woman Fiction								
A&S	ENG	<b>ENG</b>	<b>3060J</b>	<b>Women and Writing</b>	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	<b>ENG</b>	<b>3070J</b>	<b>Writing and Research in English Studies</b>	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	<b>ENG</b>	<b>3080J</b>	<b>Writing and Rhetoric II</b>	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	<b>ENG</b>	<b>3090J</b>	<b>Writing in the Sciences</b>	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	<b>ENG</b>	<b>3100J</b>	<b>Writing About Environmental Sustainability</b>	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.								

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A&S	ENG	<b>ENG</b>	<b>3110</b>	<b>English Literature to 1500</b>	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	<b>ENG</b>	<b>3120</b>	<b>English Literature: 1500-1660</b>	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	<b>ENG</b>	<b>3130</b>	<b>English Literature: 1660-1800</b>	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	<b>ENG</b>	<b>3140</b>	<b>English Literature: 1800-1900</b>	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	<b>ENG</b>	<b>3140A</b>	<b>Honors Experience in English Literature: 1800-1900</b>	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	<b>ENG</b>	<b>3150</b>	<b>English Literature: 1900 to Present</b>	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	<b>ENG</b>	<b>3210</b>	<b>American Literature to 1865</b>	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	<b>ENG</b>	<b>3220</b>	<b>American Literature: 1865-1918</b>	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	<b>ENG</b>	<b>3230</b>	<b>American Literature: 1918 to Present</b>	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	<b>ENG</b>	<b>3240</b>	<b>Jewish American Literature</b>	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	<b>ENG</b>	<b>3250</b>	<b>Women's Literature</b>	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	<b>ENG</b>	<b>3260</b>	<b>Queer Literature</b>	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	<b>ENG</b>	<b>3270</b>	<b>Queer Rhetorics and Writing</b>	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	<b>ENG</b>	<b>3280</b>	<b>Women's Rhetorics</b>	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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A&S	ENG	<b>ENG</b>	<b>3290</b>	<b>Rhetoric and Law</b>	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	<b>ENG</b>	<b>3300</b>	<b>Ecological Discourses in English Studies</b>	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	<b>ENG</b>	<b>3310</b>	<b>Studies in Asian Literatures I: Beginnings to 1850</b>	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	<b>ENG</b>	<b>3320</b>	<b>Studies in Asian Literature II</b>	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	<b>ENG</b>	<b>3340</b>	<b>Israeli Literature</b>	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	<b>ENG</b>	<b>3350</b>	<b>Irish Literature</b>	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	<b>ENG</b>	<b>3370</b>	<b>Black Literature to 1930</b>	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	<b>ENG</b>	<b>3380</b>	<b>Ethnic American Literature</b>	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	<b>ENG</b>	<b>3390</b>	<b>Black Literature from 1930 to the Present</b>	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	<b>ENG</b>	<b>3400</b>	<b>Introduction to Analysis of Moving Image Texts</b>	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.								

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A&S	ENG	<b>ENG</b>	<b>3450</b>	<b>Intercultural Adaptations: Answering the Anglo-American Literary Canon</b> 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	<b>ENG</b>	<b>3490</b>	<b>History of Books and Printing</b> 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	<b>ENG</b>	<b>3500</b>	<b>Grammar, Mechanics, and Usage</b> 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	<b>ENG</b>	<b>3510</b>	<b>The History of the English Language</b> 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	<b>ENG</b>	<b>3550</b>	<b>Global Literature</b> 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	<b>ENG</b>	<b>3560</b>	<b>Young Adult Literature</b> 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	<b>ENG</b>	<b>3570</b>	<b>Law and Literature</b> 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	<b>ENG</b>	<b>3570A</b>	<b>Honors Experience: Law and Literature</b> GEC7: CR, F, REQUISITE: COURSE DESC:	Ind Study	0	0		N	U30		0
				OHIO Honors curricular experience in Law and Literature.								
A&S	ENG	<b>ENG</b>	<b>3610</b>	<b>Creative Writing: Fiction</b> 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	<b>ENG</b>	<b>3620</b>	<b>Creative Writing: Poetry</b> 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	<b>ENG</b>	<b>3630</b>	<b>Creative Writing: Nonfiction</b> 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	<b>ENG</b>	<b>3650</b>	<b>Introduction to Literary Editing and Publishing</b> 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.								

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A&S	ENG	<b>ENG</b>	<b>3820</b>	<b>Writing About Genre</b>	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	<b>ENG</b>	<b>3830</b>	<b>Politics and Literacy: Issues of Race, Class and Gender</b>	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	<b>ENG</b>	<b>3850</b>	<b>Writing About Culture and Society</b>	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	<b>ENG</b>	<b>3860</b>	<b>Composing in New Media</b>	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	<b>ENG</b>	<b>3870C</b>	<b>Composing for the Community</b>	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	<b>ENG</b>	<b>3870C</b>	<b>Composing for the Community</b>	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	<b>ENG</b>	<b>3950</b>	<b>Creative Writing Workshop: Nonfiction</b>	Seminar	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 3630						
		COURSE DESC:		Instruction and practice in writing nonfiction prose, with attention to memoir, literary journalism, and literary essays.								
A&S	ENG	<b>ENG</b>	<b>3960</b>	<b>Creative Writing Workshop: Short Story</b>	Seminar	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 3610						
		COURSE DESC:		Instruction and practice in fiction writing, concentrating on narrative, character, and setting.								
A&S	ENG	<b>ENG</b>	<b>3970</b>	<b>Intermediate Creative Writing Workshop: Poetry</b>	Seminar	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 3620						
		COURSE DESC:		Instruction and practice in poetry writing, for students who have completed an introductory workshop in poetry. Students will study a variety of modern and contemporary poems, and further develop their understanding of what can be done in poems, through a series of writing exercises.								
A&S	ENG	<b>ENG</b>	<b>3970T</b>	<b>Specialized Tutorial I</b>	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	<b>ENG</b>	<b>3980</b>	<b>Critical Theory for Multi-Ethnic/Cross-Cultural Studies</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>ENG</b>	<b>3980T</b>	<b>Specialized Tutorial II</b>	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	<b>ENG</b>	<b>3990</b>	<b>Literary Theory and Ethical Practice</b>	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	<b>ENG</b>	<b>4470</b>	<b>Studies in Criticism</b>	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	<b>ENG</b>	<b>4500</b>	<b>Postcolonial and Transnational Literature</b>	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	<b>ENG</b>	<b>4510</b>	<b>Teaching Language and Composition</b>	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	<b>ENG</b>	<b>4520</b>	<b>Teaching Literature in Secondary Schools</b>	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	<b>ENG</b>	<b>4560</b>	<b>Readings in Children's Literature</b>	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	<b>ENG</b>	<b>4600</b>	<b>Topics in English Studies</b>	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	<b>ENG</b>	<b>4640</b>	<b>British Authors</b>	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	<b>ENG</b>	<b>4650</b>	<b>American Authors</b>	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	<b>ENG</b>	<b>4660</b>	<b>International Authors</b>	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	<b>ENG</b>	<b>4810</b>	<b>Form and Theory of Literary Genres: Fiction</b>	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 2 Creative writing courses (ENG 3610 or 3620 or 3630 or 3950 or 3960 or 3970 or 4860 or 4870 or 4880)								
		COURSE DESC:		Thorough study of an issue in contemporary fiction-writing, exemplified in selected stories and novels, studied in light of selected critical texts.								
A&S	ENG	<b>ENG</b>	<b>4820</b>	<b>Form and Theory of Literary Genres: Poetry</b>	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 2 Creative writing courses (ENG 3610 or 3620 or 3630 or 3950 or 3960 or 3970 or 4860 or 4870 or 4880)								
		COURSE DESC:		Thorough study of certain issues in the understanding of poetry, with emphasis on choices that poets have to make; for instance, between formal verse and free verse, or between elevated diction and colloquial diction.								
A&S	ENG	<b>ENG</b>	<b>4830</b>	<b>Form and Theory of Literary Genres: Nonfiction</b>	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 2 Creative writing courses (ENG 3610 or 3620 or 3630 or 3950 or 3960 or 3970 or 4860 or 4870 or 4880)								
		COURSE DESC:		Thorough study of selected issues in the writing of creative nonfiction, including essays and/or memoirs, exemplified in a range of classic and/or contemporary texts.								
A&S	ENG	<b>ENG</b>	<b>4860</b>	<b>Advanced Workshop in Fiction</b>	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.								

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A&S	ENG	<b>ENG</b>	<b>4870</b>	<b>Advanced Workshop in Poetry</b>	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	<b>ENG</b>	<b>4880</b>	<b>Advanced Workshop in Nonfiction</b>	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	<b>ENG</b>	<b>4900</b>	<b>Special Topics in English</b>	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	<b>ENG</b>	<b>4910</b>	<b>English Internship</b>	Internship	1 to 9	9	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required of internship coordinator and Sr only								
		COURSE DESC:		Provides qualified students with opportunity to learn through working at selected host institutions.								
A&S	ENG	<b>ENG</b>	<b>4911</b>	<b>Field Experience in Secondary English/Language and Composition</b>	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	<b>ENG</b>	<b>4912</b>	<b>Field Experience in Secondary English/Literature</b>	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	<b>ENG</b>	<b>4930</b>	<b>Independent Reading</b>	Ind Study	3	9		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		Directed individual reading and research.								
A&S	ENG	<b>ENG</b>	<b>4940</b>	<b>Research Apprenticeship in English Studies</b>	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:		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	<b>ENG</b>	<b>4970T</b>	<b>Thesis Tutorial I</b>	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	<b>ENG</b>	<b>4980T</b>	<b>Thesis Tutorial II</b>	Tutorial	1 to 12	13		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: ENG 2970T and HTC								
		COURSE DESC:		Second semester of year-long project of producing a major scholarly or creative work of high quality reflecting the student's special interests. In this tutorial, focus is on completing and revising the thesis. Weekly meetings with tutor, including presentation of work in progress and revisions.								
A&S	ENG	<b>ENG</b>	<b>4990H</b>	<b>English Departmental Honors</b>	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	<b>ENG</b>	<b>5010</b>	<b>Anglo-Saxon</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		A reading course in Anglo-Saxon language and literature.								
A&S	ENG	<b>ENG</b>	<b>5020</b>	<b>Old English Poetry</b>	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.								



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A&S	ENG	<b>ENG</b>	<b>5030</b>	<b>English Language</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Sounds, inflections, syntax, and vocabulary of English from 1000 to present.								
A&S	ENG	<b>ENG</b>	<b>5040</b>	<b>American English</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		An overview of the origins and development of American English.								
A&S	ENG	<b>ENG</b>	<b>5050</b>	<b>Old Norse Language and Literature</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		An introduction to Old Norse and to the Icelandic Sagas in the original language.								
A&S	ENG	<b>ENG</b>	<b>5080</b>	<b>Teaching Writing and Critical Inquiry</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Introduces students and teachers to writing-to-learn theories, concepts, and strategies central to the teaching of writing. To familiarize teachers with how writing-to-learn strategies can work, we will begin each class by engaging in informal writing exercises. Writing-to-learn concepts allow teachers to imagine curricula where writing creates knowledge, where ties to reading, writing, and thinking lead to inquiry, and where teachers integrate critical engagement through writing with various kinds of sources, from library sources to popular culture. Teachers will apply both theory and practice in the classroom and will design assignments that promote critical inquiry. Usually for students attending the Appalachian Writing Project.								
A&S	ENG	<b>ENG</b>	<b>5090</b>	<b>Medieval English Literature</b>	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	<b>ENG</b>	<b>5100</b>	<b>Teaching Literature</b>	Seminar	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course is intended for secondary school English teachers, focusing on classroom approaches to literature in English.								
A&S	ENG	<b>ENG</b>	<b>5110</b>	<b>The 18th-Century English Novel</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Development of the novel form in the 18th- century. Defoe through Austen.								
A&S	ENG	<b>ENG</b>	<b>5120</b>	<b>The 19th-Century Novel</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		A study of the various forms of the English novel developing during the 19th- century.								
A&S	ENG	<b>ENG</b>	<b>5130</b>	<b>Early Modern British Literature</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Genres and authors of literature written during the English Renaissance, 1500-1700.								
A&S	ENG	<b>ENG</b>	<b>5140</b>	<b>The Works of Edmund Spenser</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Selected topics in the works of Spenser.								
A&S	ENG	<b>ENG</b>	<b>5160</b>	<b>Teaching Oral Language</b>	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	<b>ENG</b>	<b>5170</b>	<b>The Works of John Milton</b>	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	<b>ENG</b>	<b>5180</b>	<b>Literature of the English Restoration</b>	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.								

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A&S	ENG	<b>ENG</b>	<b>5190</b>	<b>The Literature of 18th-Century England</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Selected topics in the literature of 18th-century England.								
A&S	ENG	<b>ENG</b>	<b>5210</b>	<b>Teaching Drama</b>	Seminar	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Teaching of drama intended for secondary school teachers of language arts.								
A&S	ENG	<b>ENG</b>	<b>5220</b>	<b>The Works of Chaucer</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR An introduction to the origins, sources, language, and themes of Geoffrey Chaucer's works (1342-1400).								
A&S	ENG	<b>ENG</b>	<b>5230</b>	<b>Literature of the Romantic Period</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Selected topics in English Romanticism.								
A&S	ENG	<b>ENG</b>	<b>5240</b>	<b>The Works of William Shakespeare</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Intensive study in specific critical and historical problems connected with the works of William Shakespeare.								
A&S	ENG	<b>ENG</b>	<b>5250</b>	<b>Victorian Poetry</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Selected topics in the literature of Victorian England.								
A&S	ENG	<b>ENG</b>	<b>5260</b>	<b>19th-Century Prose</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Topics in the prose literature of 19th-century England.								
A&S	ENG	<b>ENG</b>	<b>5300</b>	<b>American Literature 1776-1865</b>	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	<b>ENG</b>	<b>5310</b>	<b>Major Medieval Genre</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Selected topics in Medieval Literature (course varies on needs of students and instructor interest).								
A&S	ENG	<b>ENG</b>	<b>5320</b>	<b>Renaissance Drama excluding Shakespeare</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Selected topics in Renaissance Drama. Student will explore writers other than Shakespeare who impacted the period.								
A&S	ENG	<b>ENG</b>	<b>5330</b>	<b>American Literature 1865-1918</b>	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	<b>ENG</b>	<b>5350</b>	<b>African American Literature</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Selected topics in African American literature (course varies based on instructor and student interest).								
A&S	ENG	<b>ENG</b>	<b>5360</b>	<b>Critical Theory I</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Introduction to critical theory.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>ENG</b>	<b>5370</b>	<b>Critical Theory II</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Selected topics in critical theory.								
A&S	ENG	<b>ENG</b>	<b>5400</b>	<b>Studies in Comparative Literature</b>	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	<b>ENG</b>	<b>5510</b>	<b>Teaching Language and Composition</b>	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	<b>ENG</b>	<b>5520</b>	<b>Teaching Literature in Secondary Schools</b>	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	<b>ENG</b>	<b>5560</b>	<b>Young Adult Literature</b>	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	<b>ENG</b>	<b>5690</b>	<b>Later 18th- Century</b>	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	<b>ENG</b>	<b>5700</b>	<b>Literature of the Romantic Period</b>	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	<b>ENG</b>	<b>5710</b>	<b>20th-Century American Literature</b>	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	<b>ENG</b>	<b>5720</b>	<b>20th-Century Literature: Modernism</b>	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	<b>ENG</b>	<b>5730</b>	<b>20th-Century Literature: Post-Modernism</b>	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								
A&S	ENG	<b>ENG</b>	<b>5850</b>	<b>History of Books and Printing</b>	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	<b>ENG</b>	<b>5870</b>	<b>Theory and Practice of Writing Center Tutoring</b>	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.								

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A&S	ENG	<b>ENG</b>	<b>5880</b>	<b>Professionalization for Graduate Students in English</b>	Discussion	1	999		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:							
		COURSE DESC:		Focus on professional development, marketability, and academic job skills.								
A&S	ENG	<b>ENG</b>	<b>5880</b>	<b>Professionalization for Graduate Students in English</b>	Lecture	1	999		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:							
		COURSE DESC:		Focus on professional development, marketability, and academic job skills.								
A&S	ENG	<b>ENG</b>	<b>5880</b>	<b>Professionalization for Graduate Students in English</b>	Seminar	1	999		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:							
		COURSE DESC:		Focus on professional development, marketability, and academic job skills.								
A&S	ENG	<b>ENG</b>	<b>5890</b>	<b>Teaching College English</b>	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	<b>ENG</b>	<b>5900</b>	<b>Special Topics in English</b>	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	ENG	<b>ENG</b>	<b>5911</b>	<b>Field Experience in Secondary English/Language and Composition</b>	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	<b>ENG</b>	<b>5912</b>	<b>Field Experience in Secondary English/Literature</b>	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	<b>ENG</b>	<b>5915</b>	<b>Internship</b>	Internship	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:							
		COURSE DESC:		On the job experience in Ohio University offices and elsewhere. Coordinated and evaluated by graduate chair and director of office in which student is placed.								
A&S	ENG	<b>ENG</b>	<b>5930</b>	<b>Independent Reading</b>	Ind Study	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:							
		COURSE DESC:		Directed individual reading and research.								
A&S	ENG	<b>ENG</b>	<b>5950</b>	<b>Introduction to English Studies</b>	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.								
A&S	ENG	<b>ENG</b>	<b>5970</b>	<b>Teaching College English</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	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	<b>ENG</b>	<b>5980</b>	<b>History of Composition</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, CR	REQUISITE:							
		COURSE DESC:		An introduction to the teaching of undergraduate composition courses.								

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A&S	ENG	<b>ENG</b>	<b>5990</b>	<b>Major Rhetorical Theories and Teaching of Composition</b>	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	<b>ENG</b>	<b>6900</b>	<b>Special Topics in English</b>	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	<b>ENG</b>	<b>6910</b>	<b>Apprenticeship in Teaching Literature</b>	Internship	4	120		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Experience in teaching upper-level undergraduate literature courses in specialized areas by observing and teaching with outstanding graduate instructors.								
A&S	ENG	<b>ENG</b>	<b>6930</b>	<b>Master's Essay</b>	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	<b>ENG</b>	<b>6950</b>	<b>Thesis</b>	Thesis	1 to 15	16		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Preparation of master's essay prospectus: topic, review of relevant criticism, and methodology to be used in the essay. Writing the thesis.								
A&S	ENG	<b>ENG</b>	<b>6970</b>	<b>Creative Writing Workshop: Poetry</b>	Seminar	4	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Criticism of manuscripts and discussion of problems of form.								
A&S	ENG	<b>ENG</b>	<b>6980</b>	<b>Creative Writing Workshop: Nonfiction</b>	Seminar	4	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Criticism of manuscripts and discussion of problems of form.								
A&S	ENG	<b>ENG</b>	<b>6985</b>	<b>History of the Essay</b>	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	<b>ENG</b>	<b>6990</b>	<b>Creative Writing Workshop: Fiction</b>	Seminar	4	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Criticism of manuscripts and discussion of problems of form.								
A&S	ENG	<b>ENG</b>	<b>7000</b>	<b>Creative Writing Workshop: Multi-Genre</b>	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	<b>ENG</b>	<b>7030</b>	<b>English Language</b>	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.								
A&S	ENG	<b>ENG</b>	<b>7090</b>	<b>Medieval Language and Literature</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Charts the history and development of the Medieval language, grammar, etymology, and literature.								
A&S	ENG	<b>ENG</b>	<b>7100</b>	<b>Chaucer</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Charts the literature and historical context of Geoffrey Chaucer.								

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A&S	ENG	<b>ENG</b>	<b>7110</b>	<b>The 18th-Century Novel</b>	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	<b>ENG</b>	<b>7130</b>	<b>Early Modern British Literature</b>	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	<b>ENG</b>	<b>7140</b>	<b>Spenser</b>	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	<b>ENG</b>	<b>7150</b>	<b>Theory of Teaching Literature</b>	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	<b>ENG</b>	<b>7170</b>	<b>Milton</b>	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	<b>ENG</b>	<b>7180</b>	<b>Restoration</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Selected topics in the English Restoration.								
A&S	ENG	<b>ENG</b>	<b>7190</b>	<b>18th-Century Literature</b>	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	<b>ENG</b>	<b>7230</b>	<b>Romanticism</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Selected topics in English Romanticism.								
A&S	ENG	<b>ENG</b>	<b>7240</b>	<b>Shakespeare</b>	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	<b>ENG</b>	<b>7250</b>	<b>Victorian Poetry</b>	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	<b>ENG</b>	<b>7270</b>	<b>20th-Century Literature/Modernism</b>	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).								
A&S	ENG	<b>ENG</b>	<b>7280</b>	<b>20th-Century Literature/Postmodernism</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Selected topics in 20th- century literature after WWII (varies based on instructor and student interest).								
A&S	ENG	<b>ENG</b>	<b>7290</b>	<b>American Literature to 1776</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Selected topics in American literature in the United States (varies based on instructor and student interest).								

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A&S	ENG	<b>ENG</b>	<b>7300</b>	<b>American Literature 1776-1865</b>	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	<b>ENG</b>	<b>7330</b>	<b>American Literature 1865-1918</b>	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	<b>ENG</b>	<b>7340</b>	<b>20th-Century American Literature</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Selected topics in 20th- century literature (varies based on instructor and student interest).								
A&S	ENG	<b>ENG</b>	<b>7650</b>	<b>Theory of Literature</b>	Seminar	4	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Investigations into form and theory of literature and problems of practical literary criticism. Sections offered annually in poetry, fiction, and nonfiction.								
A&S	ENG	<b>ENG</b>	<b>7770</b>	<b>Colloquium on the Profession of English</b>	Seminar	1	10		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Prepares doctoral students for the profession of college teaching and research in English.								
A&S	ENG	<b>ENG</b>	<b>7800</b>	<b>Special Studies Seminar</b>	Seminar	4	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Selected topics in literature, theory, creative writing, and rhetoric/composition.								
A&S	ENG	<b>ENG</b>	<b>7810</b>	<b>Professional Issues in Teaching College English</b>	Seminar	1	10		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Colloquium for apprentice teachers designed to explore alternative approaches to classroom planning and presentation. Encourages exchange of ideas and problems among teachers; evaluation methods, syllabi, and texts; development of a sense of professionalism in teaching.								
A&S	ENG	<b>ENG</b>	<b>7940</b>	<b>Research</b>	Research	1 to 15	120		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Covers period when student is doing necessary research for prospectus. Also used to cover special research courses, e.g., problems in editing, problems in historical research, etc.								
A&S	ENG	<b>ENG</b>	<b>7950</b>	<b>Rhetoric in Reading</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Provides an introduction to a range of texts applicable to the study of writer's products, processes, and social contexts.								
A&S	ENG	<b>ENG</b>	<b>7960</b>	<b>Rhetorical Traditions and Theories</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Relates classical rhetorical theory to developments in contemporary rhetorical theory, criticism, practice, methodology, and pedagogy.								
A&S	ENG	<b>ENG</b>	<b>7970</b>	<b>New Media Composition in English Studies</b>	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.								
A&S	ENG	<b>ENG</b>	<b>7980</b>	<b>History and Theories of Composition</b>	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	<b>ENG</b>	<b>7990</b>	<b>Research Methods in Rhetoric and Composition</b>	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.								

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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	<b>ENG</b>	<b>8900</b>	<b>Special Topics in English</b>	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	<b>ENG</b>	<b>8950</b>	<b>Dissertation</b>	Thesis	1 to 15	120		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F								
		COURSE DESC:		For Ph.D. students engaged in writing their dissertation.								
A&S	ENG	<b>HUM</b>	<b>2070</b>	<b>Humanities : Great Books Ancient through Renaissance</b>	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	<b>HUM</b>	<b>2080</b>	<b>Humanities: Post 17th- c. through Modern</b>	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	<b>HUM</b>	<b>2170</b>	<b>Great Books of Asia, Ancient to Present</b>	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	<b>HUM</b>	<b>2900</b>	<b>Special Topics in Humanities</b>	Lecture	1 to 15	999		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F, CR								
		COURSE DESC:		Specific course content will vary with offering.								
A&S	ENG	<b>T3</b>	<b>4071</b>	<b>The Literacy Crisis: Origins and Effects</b>	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	<b>T3</b>	<b>4110</b>	<b>Kiss Me Deadly: American Detective Fiction and Film Noir</b>	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.								



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A&S	GEOG	<b>GEOG</b>	<b>1100</b>	<b>Physical Geography</b>	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	<b>GEOG</b>	<b>1100</b>	<b>Physical Geography</b>	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	<b>GEOG</b>	<b>1200</b>	<b>Human Geography</b>	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	<b>GEOG</b>	<b>1300</b>	<b>World Regional Geography</b>	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	<b>GEOG</b>	<b>1310</b>	<b>Globalization and the Developing World</b>	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	<b>GEOG</b>	<b>2060</b>	<b>The Physical and Global Dimensions of Climate Change</b>	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	<b>GEOG</b>	<b>2320</b>	<b>Geography of Ohio</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		WARNING: NOT GEOG 232 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	<b>GEOG</b>	<b>2400</b>	<b>Environmental Geography</b>	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	<b>GEOG</b>	<b>2500</b>	<b>Introduction to City Planning</b>	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	<b>GEOG</b>	<b>2680</b>	<b>Introduction to GIS and Mapping Sciences</b>	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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A&S	GEOG	<b>GEOG</b>	<b>2680</b>	<b>Introduction to GIS and Mapping Sciences</b>	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	<b>GEOG</b>	<b>2710</b>	<b>Introduction to Statistics in Geography</b>	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	<b>GEOG</b>	<b>2900</b>	<b>Special Topics in Geography</b>	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	<b>GEOG</b>	<b>2970T</b>	<b>Geography Tutorial</b>	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR First-year non-thesis tutorial for students in the Honors Tutorial College								
A&S	GEOG	<b>GEOG</b>	<b>2971T</b>	<b>Geography Tutorial</b>	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	GEOG 2980T and HTC						
		COURSE DESC:		CR, PR Second-year non-thesis tutorial for students in the Honors Tutorial College								
A&S	GEOG	<b>GEOG</b>	<b>2980T</b>	<b>Geography Tutorial</b>	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	GEOG 2970T and HTC						
		COURSE DESC:		CR, PR First-year non-thesis tutorial for students in the Honors Tutorial College								
A&S	GEOG	<b>GEOG</b>	<b>2981T</b>	<b>Geography Tutorial</b>	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	GEOG 2971T and HTC						
		COURSE DESC:		CR, PR Second-year non-thesis tutorial for students in the Honors Tutorial College								
A&S	GEOG	<b>GEOG</b>	<b>3010</b>	<b>Meteorology</b>	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 1100						
		COURSE DESC:		General survey of meteorology with a focus on physical principles explaining weather change.								
A&S	GEOG	<b>GEOG</b>	<b>3010</b>	<b>Meteorology</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 1100						
		COURSE DESC:		General survey of meteorology with a focus on physical principles explaining weather change.								
A&S	GEOG	<b>GEOG</b>	<b>3020</b>	<b>Climatology</b>	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 1100 and (GEOG 2710 or MATH 2500 or PBIO 3150)						
		COURSE DESC:		Explores the global climate features of the atmosphere and ocean, major modes climate variability, natural and anthropogenic climate change, and statistical methods in climatology.								
A&S	GEOG	<b>GEOG</b>	<b>3020</b>	<b>Climatology</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 1100 and (GEOG 2710 or MATH 2500 or PBIO 3150)						
		COURSE DESC:		Explores the global climate features of the atmosphere and ocean, major modes climate variability, natural and anthropogenic climate change, and statistical methods in climatology.								
A&S	GEOG	<b>GEOG</b>	<b>3031</b>	<b>Meteorological Observations</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 3010						
		COURSE DESC:		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	<b>GEOG</b>	<b>3040</b>	<b>Practicum in Meteorology and Forecasting</b>	Laboratory	1	5	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOG 3030 or 304						
		COURSE DESC:		Lab experience in preparation and dissemination of meteorological forecasts.								

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A&S	GEOG	<b>GEOG</b>	<b>3050</b>	<b>Physical Meteorology</b>	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	<b>GEOG</b>	<b>3150</b>	<b>Landforms and Landscapes</b>	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	<b>GEOG</b>	<b>3160</b>	<b>Biogeography</b>	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	<b>GEOG</b>	<b>3200</b>	<b>Race, Ethnicity and Place</b>	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	<b>GEOG</b>	<b>3210</b>	<b>Population Geography</b>	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	<b>GEOG</b>	<b>3220</b>	<b>Geography of Religious Space and Place</b>	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	<b>GEOG</b>	<b>3250</b>	<b>Political Geography</b>	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	<b>GEOG</b>	<b>3260</b>	<b>Urban Geography</b>	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	<b>GEOG</b>	<b>3260A</b>	<b>Honors Experience in Urban Geography</b>	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	<b>GEOG</b>	<b>3270</b>	<b>Geographies of Social Justice</b>	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	<b>GEOG</b>	<b>3290</b>	<b>World Economic Geography</b>	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	<b>GEOG</b>	<b>3290A</b>	<b>Honors Experience: World Economic Geography</b>	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	<b>GEOG</b>	<b>3300</b>	<b>Geography of Europe</b>	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	<b>GEOG</b>	<b>3310</b>	<b>Geography of Africa</b>	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	<b>GEOG</b>	<b>3330</b>	<b>Appalachia: Land and People</b>	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	<b>GEOG</b>	<b>3340</b>	<b>Historical Geography of the United States</b>	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	<b>GEOG</b>	<b>3350</b>	<b>Geography of Latin America</b>	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	<b>GEOG</b>	<b>3380</b>	<b>Geography of Asia</b>	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	<b>GEOG</b>	<b>3400</b>	<b>Geography of Development</b>	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	<b>GEOG</b>	<b>3410</b>	<b>Geography of Hunger and Food Security</b>	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	<b>GEOG</b>	<b>3430</b>	<b>Global Issues in Environment</b>	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	<b>GEOG</b>	<b>3440</b>	<b>Agricultural Ecosystems</b>	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	<b>GEOG</b>	<b>3450</b>	<b>Access to Water in a Changing World</b>	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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COURSE LISTING  
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A&S	GEOG	<b>GEOG</b>	<b>3460</b>	<b>Environmental Law</b>	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	<b>GEOG</b>	<b>3500</b>	<b>Land Use Planning</b>	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	<b>GEOG</b>	<b>3580</b>	<b>Environmental Hazards</b>	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	<b>GEOG</b>	<b>3600</b>	<b>Cartography I</b>	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	<b>GEOG</b>	<b>3600</b>	<b>Cartography I</b>	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	<b>GEOG</b>	<b>3610</b>	<b>Cartography II</b>	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	<b>GEOG</b>	<b>3610</b>	<b>Cartography II</b>	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	<b>GEOG</b>	<b>3650</b>	<b>Air Photo Interpretation</b>	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	<b>GEOG</b>	<b>3650</b>	<b>Air Photo Interpretation</b>	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	<b>GEOG</b>	<b>3970T</b>	<b>Geography Tutorial</b>	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	<b>GEOG</b>	<b>3980T</b>	<b>Geography Tutorial</b>	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	<b>GEOG</b>	<b>4035</b>	<b>Introduction to Meteorological Radar Systems, Observations, and Techniques</b>	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.								

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A&S	GEOG	<b>GEOG</b>	<b>4060</b>	<b>Synoptic Meteorology</b>	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	<b>GEOG</b>	<b>4060</b>	<b>Synoptic Meteorology</b>	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	<b>GEOG</b>	<b>4070</b>	<b>Mesoscale Meteorology</b>	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	<b>GEOG</b>	<b>4070</b>	<b>Mesoscale Meteorology</b>	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	<b>GEOG</b>	<b>4080</b>	<b>Dynamic Meteorology I</b>	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	<b>GEOG</b>	<b>4090</b>	<b>Dynamic Meteorology II</b>	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	<b>GEOG</b>	<b>4110</b>	<b>Advanced Physical Geography</b>	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	<b>GEOG</b>	<b>4130</b>	<b>Arid Lands Physical Geography</b>	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	<b>GEOG</b>	<b>4170</b>	<b>Landscape Ecology</b>	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	<b>GEOG</b>	<b>4280</b>	<b>Community Geography</b>	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	<b>GEOG</b>	<b>4450</b>	<b>Gender, Environment, and Development</b>	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	<b>GEOG</b>	<b>4470</b>	<b>Natural Resource Conservation</b>	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.								

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A&S	GEOG	<b>GEOG</b>	<b>4480</b>	<b>Migration and Development</b>	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	<b>GEOG</b>	<b>4520</b>	<b>Environmental and Sustainability Planning</b>	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	<b>GEOG</b>	<b>4550</b>	<b>History of Planning</b>	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	<b>GEOG</b>	<b>4560</b>	<b>The Just and Sustainable City</b>	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	<b>GEOG</b>	<b>4660</b>	<b>Principles of Remote Sensing</b>	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	<b>GEOG</b>	<b>4660</b>	<b>Principles of Remote Sensing</b>	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	<b>GEOG</b>	<b>4670</b>	<b>Advanced Remote Sensing</b>	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	<b>GEOG</b>	<b>4670</b>	<b>Advanced Remote Sensing</b>	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	<b>GEOG</b>	<b>4710</b>	<b>Quantitative Methods in Geography</b>	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	<b>GEOG</b>	<b>4711</b>	<b>Qualitative Methods in Geography</b>	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	<b>GEOG</b>	<b>4712</b>	<b>Field Methods in Geography</b>	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	<b>GEOG</b>	<b>4712</b>	<b>Field Methods in Geography</b>	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.								

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A&S	GEOG	<b>GEOG</b>	<b>4730</b>	<b>Principles of GIS</b>	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	<b>GEOG</b>	<b>4730</b>	<b>Principles of GIS</b>	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	<b>GEOG</b>	<b>4740</b>	<b>GIS Design and Application Development</b>	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	<b>GEOG</b>	<b>4740</b>	<b>GIS Design and Application Development</b>	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	<b>GEOG</b>	<b>4750</b>	<b>GIS and Landscape Analysis</b>	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	<b>GEOG</b>	<b>4750</b>	<b>GIS and Landscape Analysis</b>	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	<b>GEOG</b>	<b>4760</b>	<b>Advanced Spatial Analysis and GIS Applications</b>	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	<b>GEOG</b>	<b>4760</b>	<b>Advanced Spatial Analysis and GIS Applications</b>	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	<b>GEOG</b>	<b>4770</b>	<b>Advanced Topics in Geoinformatics</b>	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	<b>GEOG</b>	<b>4770</b>	<b>Advanced Topics in Geoinformatics</b>	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	<b>GEOG</b>	<b>4799</b>	<b>Foundations for Capstone Research in Geography</b>	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	<b>GEOG</b>	<b>4800</b>	<b>Capstone Experience in Geography</b>	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.								



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COURSE LISTING  
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A&S	GEOG	<b>GEOG</b>	<b>4900</b>	<b>Special Topics in Geography</b>	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	<b>GEOG</b>	<b>4910</b>	<b>Internship</b>	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	<b>GEOG</b>	<b>4930</b>	<b>Independent Study</b>	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	<b>GEOG</b>	<b>4940</b>	<b>Research Experience in Human Geography</b>	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	<b>GEOG</b>	<b>4941</b>	<b>Research Experience in Physical Geography</b>	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	<b>GEOG</b>	<b>4942</b>	<b>Research Experience in Environmental Geography</b>	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	<b>GEOG</b>	<b>4943</b>	<b>Research Experience in Geographic Information Science</b>	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	<b>GEOG</b>	<b>4944</b>	<b>Research Experience in Meteorology/Climatology</b>	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	<b>GEOG</b>	<b>4945</b>	<b>Research Experience in Urban Planning</b>	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	<b>GEOG</b>	<b>4946</b>	<b>Research Experience in Globalization and Development</b>	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	<b>GEOG</b>	<b>4970T</b>	<b>Geography Tutorial</b>	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								

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A&S	GEOG	<b>GEOG</b>	<b>4980T</b>	<b>Geography Tutorial</b>	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	<b>GEOG</b>	<b>4990H</b>	<b>Honors in Geography</b>	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	<b>GEOG</b>	<b>5000</b>	<b>Geographic Research and Writing</b>	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	<b>GEOG</b>	<b>5010</b>	<b>Meteorology</b>	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	<b>GEOG</b>	<b>5010</b>	<b>Meteorology</b>	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	<b>GEOG</b>	<b>5020</b>	<b>Climatology</b>	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	<b>GEOG</b>	<b>5020</b>	<b>Climatology</b>	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	<b>GEOG</b>	<b>5020</b>	<b>Climatology</b>	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	<b>GEOG</b>	<b>5030</b>	<b>Meteorological Observations</b>	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	<b>GEOG</b>	<b>5035</b>	<b>Introduction to Meteorological Radar Systems, Observations, and Techniques</b>	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	<b>GEOG</b>	<b>5035</b>	<b>Introduction to Meteorological Radar Systems, Observations, and Techniques</b>	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.								

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A&S	GEOG	<b>GEOG</b>	<b>5040</b>	<b>Practicum in Meteorology and Forecasting</b>	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	<b>GEOG</b>	<b>5050</b>	<b>Physical Meteorology</b>	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	<b>GEOG</b>	<b>5050</b>	<b>Physical Meteorology</b>	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	<b>GEOG</b>	<b>5060</b>	<b>Synoptic Meteorology</b>	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	<b>GEOG</b>	<b>5060</b>	<b>Synoptic Meteorology</b>	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	<b>GEOG</b>	<b>5060</b>	<b>Synoptic Meteorology</b>	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	<b>GEOG</b>	<b>5070</b>	<b>Mesoscale Meteorology</b>	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	<b>GEOG</b>	<b>5070</b>	<b>Mesoscale Meteorology</b>	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	<b>GEOG</b>	<b>5070</b>	<b>Mesoscale Meteorology</b>	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	<b>GEOG</b>	<b>5080</b>	<b>Dynamic Meteorology I</b>	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	<b>GEOG</b>	<b>5080</b>	<b>Dynamic Meteorology I</b>	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	<b>GEOG</b>	<b>5090</b>	<b>Dynamic Meteorology II</b>	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.								

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A&S	GEOG	<b>GEOG</b>	<b>5090</b>	<b>Dynamic Meteorology II</b>	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	<b>GEOG</b>	<b>5110</b>	<b>Advanced Physical Geography</b>	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	<b>GEOG</b>	<b>5110</b>	<b>Advanced Physical Geography</b>	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	<b>GEOG</b>	<b>5130</b>	<b>Arid Lands Physical Geography</b>	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	<b>GEOG</b>	<b>5130</b>	<b>Arid Lands Physical Geography</b>	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	<b>GEOG</b>	<b>5150</b>	<b>Landforms and Landscapes</b>	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	<b>GEOG</b>	<b>5150</b>	<b>Landforms and Landscapes</b>	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	<b>GEOG</b>	<b>5160</b>	<b>Biogeography</b>	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	<b>GEOG</b>	<b>5160</b>	<b>Biogeography</b>	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	<b>GEOG</b>	<b>5170</b>	<b>Landscape Ecology</b>	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	<b>GEOG</b>	<b>5170</b>	<b>Landscape Ecology</b>	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.								

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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	<b>GEOG</b>	<b>5200</b>	<b>Race, Ethnicity and Place</b>	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	<b>GEOG</b>	<b>5210</b>	<b>Population Geography</b>	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	<b>GEOG</b>	<b>5220</b>	<b>Geography of Religious Space and Place</b>	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	<b>GEOG</b>	<b>5250</b>	<b>Political Geography</b>	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	<b>GEOG</b>	<b>5260</b>	<b>Urban Geography</b>	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	<b>GEOG</b>	<b>5270</b>	<b>Geographies of Social Justice</b>	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	<b>GEOG</b>	<b>5280</b>	<b>Community Geography</b>	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	<b>GEOG</b>	<b>5290</b>	<b>World Economic Geography</b>	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	<b>GEOG</b>	<b>5300</b>	<b>Geography of Europe</b>	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.							

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A&S	GEOG	<b>GEOG</b>	<b>5300</b>	<b>Geography of Europe</b>	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	<b>GEOG</b>	<b>5310</b>	<b>Geography of Africa</b>	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	<b>GEOG</b>	<b>5330</b>	<b>Appalachia: Land and People</b>	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	<b>GEOG</b>	<b>5330</b>	<b>Appalachia: Land and People</b>	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	<b>GEOG</b>	<b>5340</b>	<b>Historical Geography of the United States</b>	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	<b>GEOG</b>	<b>5350</b>	<b>Geography of Latin America</b>	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	<b>GEOG</b>	<b>5380</b>	<b>Geography of Asia</b>	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	<b>GEOG</b>	<b>5400</b>	<b>Geography of Development</b>	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	<b>GEOG</b>	<b>5400</b>	<b>Geography of Development</b>	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.								

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A&S	GEOG	<b>GEOG</b>	<b>5410</b>	<b>Geography of Hunger and Food Security</b>	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	<b>GEOG</b>	<b>5410</b>	<b>Geography of Hunger and Food Security</b>	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	<b>GEOG</b>	<b>5440</b>	<b>Agricultural Ecosystems</b>	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	<b>GEOG</b>	<b>5440</b>	<b>Agricultural Ecosystems</b>	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	<b>GEOG</b>	<b>5450</b>	<b>Gender, Environment, and Development</b>	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	<b>GEOG</b>	<b>5460</b>	<b>Environmental Law</b>	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	<b>GEOG</b>	<b>5460</b>	<b>Environmental Law</b>	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	<b>GEOG</b>	<b>5470</b>	<b>Natural Resource Conservation</b>	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	<b>GEOG</b>	<b>5470</b>	<b>Natural Resource Conservation</b>	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	<b>GEOG</b>	<b>5480</b>	<b>Migration and Development</b>	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.								

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A&S	GEOG	<b>GEOG</b>	<b>5500</b>	<b>Land Use Planning</b>	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	<b>GEOG</b>	<b>5500</b>	<b>Land Use Planning</b>	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	<b>GEOG</b>	<b>5520</b>	<b>Environmental and Sustainability Planning</b>	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	<b>GEOG</b>	<b>5520</b>	<b>Environmental and Sustainability Planning</b>	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	<b>GEOG</b>	<b>5550</b>	<b>History of Planning</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	<b>GEOG</b>	<b>5550</b>	<b>History of Planning</b>	Research	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	<b>GEOG</b>	<b>5560</b>	<b>The Just and Sustainable City</b>	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	<b>GEOG</b>	<b>5580</b>	<b>Environmental Hazards</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	<b>GEOG</b>	<b>5580</b>	<b>Environmental Hazards</b>	Research	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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.								



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A&S	GEOG	<b>GEOG</b>	<b>5600</b>	<b>Cartography I</b>	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	<b>GEOG</b>	<b>5600</b>	<b>Cartography I</b>	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	<b>GEOG</b>	<b>5600</b>	<b>Cartography I</b>	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	<b>GEOG</b>	<b>5610</b>	<b>Cartography II</b>	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	<b>GEOG</b>	<b>5610</b>	<b>Cartography II</b>	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	<b>GEOG</b>	<b>5610</b>	<b>Cartography II</b>	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	<b>GEOG</b>	<b>5650</b>	<b>Air Photo Interpretation</b>	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	<b>GEOG</b>	<b>5650</b>	<b>Air Photo Interpretation</b>	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	<b>GEOG</b>	<b>5650</b>	<b>Air Photo Interpretation</b>	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	<b>GEOG</b>	<b>5660</b>	<b>Principles of Remote Sensing</b>	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	<b>GEOG</b>	<b>5660</b>	<b>Principles of Remote Sensing</b>	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.								

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A&S	GEOG	<b>GEOG</b>	<b>5660</b>	<b>Principles of Remote Sensing</b>	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	<b>GEOG</b>	<b>5670</b>	<b>Advanced Remote Sensing</b>	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	<b>GEOG</b>	<b>5670</b>	<b>Advanced Remote Sensing</b>	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	<b>GEOG</b>	<b>5670</b>	<b>Advanced Remote Sensing</b>	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	<b>GEOG</b>	<b>5710</b>	<b>Quantitative Methods in Geography</b>	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	<b>GEOG</b>	<b>5710</b>	<b>Quantitative Methods in Geography</b>	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	<b>GEOG</b>	<b>5711</b>	<b>Qualitative Methods in Geography</b>	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	<b>GEOG</b>	<b>5711</b>	<b>Qualitative Methods in Geography</b>	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	<b>GEOG</b>	<b>5712</b>	<b>Field Methods in Geography</b>	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	<b>GEOG</b>	<b>5712</b>	<b>Field Methods in Geography</b>	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	<b>GEOG</b>	<b>5712</b>	<b>Field Methods in Geography</b>	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.								

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A&S	GEOG	<b>GEOG</b>	<b>5730</b>	<b>Principles of GIS</b>	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	<b>GEOG</b>	<b>5730</b>	<b>Principles of GIS</b>	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	<b>GEOG</b>	<b>5730</b>	<b>Principles of GIS</b>	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	<b>GEOG</b>	<b>5731</b>	<b>Geographic Information Systems Applications</b>	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	<b>GEOG</b>	<b>5731</b>	<b>Geographic Information Systems Applications</b>	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	<b>GEOG</b>	<b>5740</b>	<b>GIS Design and Application Development</b>	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	<b>GEOG</b>	<b>5740</b>	<b>GIS Design and Application Development</b>	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	<b>GEOG</b>	<b>5740</b>	<b>GIS Design and Application Development</b>	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	<b>GEOG</b>	<b>5750</b>	<b>GIS and Landscape Analysis</b>	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	<b>GEOG</b>	<b>5750</b>	<b>GIS and Landscape Analysis</b>	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.								

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A&S	GEOG	<b>GEOG</b>	<b>5750</b>	<b>GIS and Landscape Analysis</b>	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	<b>GEOG</b>	<b>5760</b>	<b>Advanced Spatial Analysis and GIS Applications</b>	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	<b>GEOG</b>	<b>5760</b>	<b>Advanced Spatial Analysis and GIS Applications</b>	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	<b>GEOG</b>	<b>5760</b>	<b>Advanced Spatial Analysis and GIS Applications</b>	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	<b>GEOG</b>	<b>5770</b>	<b>Advanced Topics in Geoinformatics</b>	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	<b>GEOG</b>	<b>5770</b>	<b>Advanced Topics in Geoinformatics</b>	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	<b>GEOG</b>	<b>5770</b>	<b>Advanced Topics in Geoinformatics</b>	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	<b>GEOG</b>	<b>5900</b>	<b>Special Topics in Geography</b>	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	<b>GEOG</b>	<b>5910</b>	<b>Internship</b>	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	<b>GEOG</b>	<b>5911</b>	<b>Colloquium in Geography</b>	Seminar	1	6		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F								
		COURSE DESC:		Colloquium contents vary.								
A&S	GEOG	<b>GEOG</b>	<b>6000</b>	<b>Seminar in Geography</b>	Research	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								

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A&S	GEOG	<b>GEOG</b>	<b>6000</b>	<b>Seminar in Geography</b>	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	<b>GEOG</b>	<b>6010</b>	<b>Seminar in Meteorology</b>	Research	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	<b>GEOG</b>	<b>6010</b>	<b>Seminar in Meteorology</b>	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	<b>GEOG</b>	<b>6150</b>	<b>Seminar in Geomorphology</b>	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	<b>GEOG</b>	<b>6150</b>	<b>Seminar in Geomorphology</b>	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	<b>GEOG</b>	<b>6160</b>	<b>Seminar in Biogeography</b>	Research	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Advanced topics and readings in biogeography.								
A&S	GEOG	<b>GEOG</b>	<b>6160</b>	<b>Seminar in Biogeography</b>	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Advanced topics and readings in biogeography.								
A&S	GEOG	<b>GEOG</b>	<b>6210</b>	<b>Seminar in Population Geography</b>	Research	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	<b>GEOG</b>	<b>6210</b>	<b>Seminar in Population Geography</b>	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	<b>GEOG</b>	<b>6220</b>	<b>Seminar in Historical Geography</b>	Research	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	<b>GEOG</b>	<b>6220</b>	<b>Seminar in Historical Geography</b>	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	<b>GEOG</b>	<b>6250</b>	<b>Seminar in Political Geography</b>	Research	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	<b>GEOG</b>	<b>6250</b>	<b>Seminar in Political Geography</b>	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								

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A&S	GEOG	<b>GEOG</b>	<b>6260</b>	<b>Seminar in Urban Geography</b>	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	<b>GEOG</b>	<b>6260</b>	<b>Seminar in Urban Geography</b>	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	<b>GEOG</b>	<b>6290</b>	<b>Seminar in Economic Geography</b>	Research	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	<b>GEOG</b>	<b>6290</b>	<b>Seminar in Economic Geography</b>	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	<b>GEOG</b>	<b>6310</b>	<b>Seminar in Regional Geography: Africa</b>	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	<b>GEOG</b>	<b>6310</b>	<b>Seminar in Regional Geography: Africa</b>	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	<b>GEOG</b>	<b>6350</b>	<b>Seminar in Regional Geography: Latin America</b>	Research	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	<b>GEOG</b>	<b>6350</b>	<b>Seminar in Regional Geography: Latin America</b>	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	<b>GEOG</b>	<b>6380</b>	<b>Seminar in Regional Geography: Asia</b>	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	<b>GEOG</b>	<b>6380</b>	<b>Seminar in Regional Geography: Asia</b>	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	<b>GEOG</b>	<b>6410</b>	<b>Seminar in Development: Environment and Development</b>	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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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	GEOG	<b>GEOG</b>	<b>6410</b>	<b>Seminar in Development: Environment and Development</b>	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	<b>GEOG</b>	<b>6420</b>	<b>Seminar in Development: Theories of Development</b>	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	<b>GEOG</b>	<b>6420</b>	<b>Seminar in Development: Theories of Development</b>	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	<b>GEOG</b>	<b>6430</b>	<b>Seminar in Development: Gender and Development</b>	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	<b>GEOG</b>	<b>6430</b>	<b>Seminar in Development: Gender and Development</b>	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	<b>GEOG</b>	<b>6470</b>	<b>Seminar in Resource Management</b>	Research	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	<b>GEOG</b>	<b>6470</b>	<b>Seminar in Resource Management</b>	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	<b>GEOG</b>	<b>6500</b>	<b>Seminar in Environmental Justice</b>	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	<b>GEOG</b>	<b>6500</b>	<b>Seminar in Environmental Justice</b>	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	<b>GEOG</b>	<b>6600</b>	<b>Seminar in Cartography</b>	Research	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								

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A&S	GEOG	<b>GEOG</b>	<b>6600</b>	<b>Seminar in Cartography</b>	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	<b>GEOG</b>	<b>6730</b>	<b>Seminar in GIScience</b>	Research	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	<b>GEOG</b>	<b>6730</b>	<b>Seminar in GIScience</b>	Seminar	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	<b>GEOG</b>	<b>6900</b>	<b>Special Topics in Geography</b>	Research	4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	<b>GEOG</b>	<b>6900</b>	<b>Special Topics in Geography</b>	Seminar	4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Seminar contents vary.								
A&S	GEOG	<b>GEOG</b>	<b>6930</b>	<b>Independent Study</b>	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	<b>GEOG</b>	<b>6950</b>	<b>Thesis</b>	Thesis	1 to 18	54		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Master thesis hours.								
A&S	GEOG	<b>T3</b>	<b>4080</b>	<b>Environmentalism in America</b>	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	<b>T3</b>	<b>4081</b>	<b>Landscape and Culture</b>	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.								



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A&S	GEOL	<b>GEOL</b>	<b>1010</b>	<b>How The Earth Works</b>	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	<b>GEOL</b>	<b>1010</b>	<b>How The Earth Works</b>	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	<b>GEOL</b>	<b>1200</b>	<b>The Mobile Earth</b>	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	<b>GEOL</b>	<b>1300</b>	<b>Geology of the National Parks</b>	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	<b>GEOL</b>	<b>1350</b>	<b>Natural Disasters</b>	Lecture	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Analysis of threats associated with living on a dynamic planet. Focus on the origins and physical natures of hazardous geological events. Taught using case studies of actual disasters. Intended to convey how we can minimize our vulnerability to disasters by applying lessons learned from past earthquakes, volcanic eruptions, floods, landslides, and sinkhole collapses. Intended for science and nonscience majors seeking a basic understanding of geology and how it affects the human race.								
A&S	GEOL	<b>GEOL</b>	<b>1400</b>	<b>Dinosaurs and the Mesozoic</b>	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	<b>GEOL</b>	<b>1700</b>	<b>Metal, Stone, Energy, and Society</b>	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	<b>GEOL</b>	<b>2020</b>	<b>Introductory Geology Lab</b>	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	<b>GEOL</b>	<b>2080</b>	<b>Geology of the Solar System</b>	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	<b>GEOL</b>	<b>2090</b>	<b>Gems, Jewels, and Crystals</b>	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	<b>GEOL</b>	<b>2110</b>	<b>Introductory Oceanography</b>	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.								

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A&S	GEOL	<b>GEOL</b>	<b>2150</b>	<b>Environmental Geology</b>	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	<b>GEOL</b>	<b>2170</b>	<b>Water Resources and Sustainability</b>	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	<b>GEOL</b>	<b>2210</b>	<b>Earth and Life History</b>	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	<b>GEOL</b>	<b>2310</b>	<b>Water and Pollution</b>	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	<b>GEOL</b>	<b>2550</b>	<b>Historical Geology</b>	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	<b>GEOL</b>	<b>2550</b>	<b>Historical Geology</b>	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	<b>GEOL</b>	<b>2710</b>	<b>Extreme Ancient Climates</b>	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	<b>GEOL</b>	<b>2830</b>	<b>Geology for Engineers</b>	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	<b>GEOL</b>	<b>2830</b>	<b>Geology for Engineers</b>	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	<b>GEOL</b>	<b>2900</b>	<b>Special Topics in Geological Sciences</b>	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	<b>GEOL</b>	<b>2970T</b>	<b>Geological Sciences Tutorial</b>	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	<b>GEOL</b>	<b>2971T</b>	<b>Geological Sciences Tutorial</b>	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	<b>GEOL</b>	<b>2980T</b>	<b>Geological Sciences Tutorial</b>	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	<b>GEOL</b>	<b>2981T</b>	<b>Geological Sciences Tutorial</b>	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.								

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A&S	GEOL	<b>GEOL</b>	<b>3050</b>	<b>Statistical Methods in Geology</b>	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	<b>GEOL</b>	<b>3050</b>	<b>Statistical Methods in Geology</b>	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	<b>GEOL</b>	<b>3092J</b>	<b>Geowriting</b>	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	<b>GEOL</b>	<b>3120</b>	<b>Earth Materials and Resources</b>	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	<b>GEOL</b>	<b>3120</b>	<b>Earth Materials and Resources</b>	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	<b>GEOL</b>	<b>3150</b>	<b>Mineralogy</b>	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	<b>GEOL</b>	<b>3150</b>	<b>Mineralogy</b>	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	<b>GEOL</b>	<b>3201</b>	<b>Igneous &amp; Metamorphic Petrology</b>	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	<b>GEOL</b>	<b>3201</b>	<b>Igneous &amp; Metamorphic Petrology</b>	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	<b>GEOL</b>	<b>3300</b>	<b>Principles of Geomorphology</b>	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	<b>GEOL</b>	<b>3300</b>	<b>Principles of Geomorphology</b>	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.								

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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	<b>GEOL</b>	<b>3400</b>	<b>Principles of Paleontology</b>	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	<b>GEOL</b>	<b>3400</b>	<b>Principles of Paleontology</b>	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	<b>GEOL</b>	<b>3500</b>	<b>Stratigraphy-Sedimentology</b>	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	<b>GEOL</b>	<b>3500</b>	<b>Stratigraphy-Sedimentology</b>	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	<b>GEOL</b>	<b>3600</b>	<b>Structural Geology</b>	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	<b>GEOL</b>	<b>3600</b>	<b>Structural Geology</b>	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	<b>GEOL</b>	<b>3700</b>	<b>Groundwater Fundamentals and Practices</b>	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	<b>GEOL</b>	<b>3910</b>	<b>Internship</b>	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	<b>GEOL</b>	<b>3970T</b>	<b>Geological Sciences Tutorial</b>	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	<b>GEOL</b>	<b>3980T</b>	<b>Geological Sciences Tutorial</b>	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	<b>GEOL</b>	<b>4060</b>	<b>Geodata analysis for Geological Sciences</b>	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	<b>GEOL</b>	<b>4080</b>	<b>Planetary Geology</b>	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	<b>GEOL</b>	<b>4080</b>	<b>Planetary Geology</b>	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.								

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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	<b>GEOL</b>	<b>4090</b>	<b>Geology of Mars</b>	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	<b>GEOL</b>	<b>4160</b>	<b>Geology, Mining, and Economics of Ore Deposits</b>	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	<b>GEOL</b>	<b>4160</b>	<b>Geology, Mining, and Economics of Ore Deposits</b>	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	<b>GEOL</b>	<b>4170</b>	<b>Isotope Geology</b>	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	<b>GEOL</b>	<b>4180</b>	<b>Solid Earth Geochemistry</b>	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	<b>GEOL</b>	<b>4180</b>	<b>Solid Earth Geochemistry</b>	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	<b>GEOL</b>	<b>4260</b>	<b>Principles of Geochemistry</b>	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	<b>GEOL</b>	<b>4270</b>	<b>Water Geochemistry</b>	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	<b>GEOL</b>	<b>4270</b>	<b>Water Geochemistry</b>	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	<b>GEOL</b>	<b>4280</b>	<b>Physical Geochemistry</b>	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	<b>GEOL</b>	<b>4280</b>	<b>Physical Geochemistry</b>	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	<b>GEOL</b>	<b>4290</b>	<b>Contaminant Geochemistry</b>	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.								

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A&S	GEOL	<b>GEOL</b>	<b>4320</b>	<b>Origin and Classification of Soils</b>	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	<b>GEOL</b>	<b>4320</b>	<b>Origin and Classification of Soils</b>	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	<b>GEOL</b>	<b>4390</b>	<b>Stream Geomorphology</b>	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	<b>GEOL</b>	<b>4430</b>	<b>Paleobiogeography</b>	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	<b>GEOL</b>	<b>4430</b>	<b>Paleobiogeography</b>	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	<b>GEOL</b>	<b>4440</b>	<b>Ichnology</b>	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	<b>GEOL</b>	<b>4440</b>	<b>Ichnology</b>	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	<b>GEOL</b>	<b>4460</b>	<b>Earth Systems Evolution</b>	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	<b>GEOL</b>	<b>4460</b>	<b>Earth Systems Evolution</b>	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	<b>GEOL</b>	<b>4480</b>	<b>Paleoecology</b>	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	<b>GEOL</b>	<b>4480</b>	<b>Paleoecology</b>	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	<b>GEOL</b>	<b>4510</b>	<b>Diagenesis</b>	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	<b>GEOL</b>	<b>4520</b>	<b>Sedimentary Systems and Processes</b>	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	<b>GEOL</b>	<b>4530</b>	<b>Physical Limnology</b>	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.								

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A&S	GEOL	<b>GEOL</b>	<b>4530</b>	<b>Physical Limnology</b>	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	<b>GEOL</b>	<b>4540</b>	<b>Carbonate Depositional Systems I</b>	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	<b>GEOL</b>	<b>4540</b>	<b>Carbonate Depositional Systems I</b>	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	<b>GEOL</b>	<b>4541</b>	<b>Carbonate Depositional Systems II</b>	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	<b>GEOL</b>	<b>4560</b>	<b>Paleopedology</b>	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	<b>GEOL</b>	<b>4560</b>	<b>Paleopedology</b>	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	<b>GEOL</b>	<b>4570</b>	<b>Petroleum Geology</b>	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	<b>GEOL</b>	<b>4570</b>	<b>Petroleum Geology</b>	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	<b>GEOL</b>	<b>4580</b>	<b>Fluvial Sedimentology</b>	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	<b>GEOL</b>	<b>4580</b>	<b>Fluvial Sedimentology</b>	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	<b>GEOL</b>	<b>4610</b>	<b>Regional Field Geology</b>	Laboratory	3	9	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 3500, 3700, 3600, 3400, 3150, 3300, 3120, 2550						
		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	<b>GEOL</b>	<b>4610</b>	<b>Regional Field Geology</b>	Lecture	3	9	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 3500, 3700, 3600, 3400, 3150, 3300, 3120, 2550						
		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	<b>GEOL</b>	<b>4640</b>	<b>Regional Tectonics</b>	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	<b>GEOL</b>	<b>4650</b>	<b>Geologic Methods</b>	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.								

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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	<b>GEOL</b>	<b>4650</b>	<b>Geologic Methods</b>	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	<b>GEOL</b>	<b>4660</b>	<b>Geodynamics: The Earth's Interior</b>	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	<b>GEOL</b>	<b>4670</b>	<b>Tectonophysics</b>	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	<b>GEOL</b>	<b>4710</b>	<b>Advanced Environmental Geology</b>	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	<b>GEOL</b>	<b>4730</b>	<b>Forensic Geoscience</b>	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	<b>GEOL</b>	<b>4730</b>	<b>Forensic Geoscience</b>	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	<b>GEOL</b>	<b>4750</b>	<b>Watershed and Stream Hydrology</b>	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	<b>GEOL</b>	<b>4760</b>	<b>Subsurface Methods</b>	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	<b>GEOL</b>	<b>4760</b>	<b>Subsurface Methods</b>	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	<b>GEOL</b>	<b>4800</b>	<b>Principles of Hydrogeology</b>	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	<b>GEOL</b>	<b>4800</b>	<b>Principles of Hydrogeology</b>	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	<b>GEOL</b>	<b>4811</b>	<b>Advanced Hydrogeology</b>	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	<b>GEOL</b>	<b>4811</b>	<b>Advanced Hydrogeology</b>	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	<b>GEOL</b>	<b>4830</b>	<b>Field Hydrology</b>	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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A&S	GEOL	<b>GEOL</b>	<b>4850</b>	<b>Introduction to Applied Geophysics</b>	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PHYS 2002 or 2052						
		COURSE DESC:		Introduction to environmental and geotechnical geophysics. Survey of applied geophysical methods including seismic, gravity, magnetic, electrical, and electromagnetic techniques.								
A&S	GEOL	<b>GEOL</b>	<b>4850</b>	<b>Introduction to Applied Geophysics</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PHYS 2002 or 2052						
		COURSE DESC:		Introduction to environmental and geotechnical geophysics. Survey of applied geophysical methods including seismic, gravity, magnetic, electrical, and electromagnetic techniques.								
A&S	GEOL	<b>GEOL</b>	<b>4860</b>	<b>Applied Seismology</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 4850						
		COURSE DESC:		Field methods and analysis techniques for seismic characterization of shallow subsurface, multichannel digital data acquisition, generalized reciprocal refraction, and common offset refraction techniques as practiced in environmental and geotechnical industries.								
A&S	GEOL	<b>GEOL</b>	<b>4890</b>	<b>Advanced Topics in Hydrogeology</b>	Lecture	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 4800						
		COURSE DESC:		In-depth study of an advanced or current topic in hydrogeology, exploring, but not limited to, such areas as karst hydrogeology, fracture flow hydrology, mine hydrology, unsaturated flow, and inverse modeling.								
A&S	GEOL	<b>GEOL</b>	<b>4900</b>	<b>Special Topics in Geological Sciences</b>	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	GEOL	<b>GEOL</b>	<b>4901</b>	<b>Geologic Studies</b>	Lecture	1 to 6	30		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		CR	Individual or small group independent study arranged with faculty members.							
A&S	GEOL	<b>GEOL</b>	<b>4901</b>	<b>Geologic Studies</b>	Tutorial	1 to 6	30		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		CR	Individual or small group independent study arranged with faculty members.							
A&S	GEOL	<b>GEOL</b>	<b>4902</b>	<b>Seminar in Geology</b>	Seminar	1 to 2	8		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		CR	Seminar on specific topics in geological sciences. Content will vary with each offering.							
A&S	GEOL	<b>GEOL</b>	<b>4940</b>	<b>Senior Thesis</b>	Research	1 to 5	10	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	Permission required						
		COURSE DESC:		PR, F	Independent research project requiring departmental approval of thesis proposal before registering. Required for departmental honors program, but can be taken by non-honors students if department approves.							
A&S	GEOL	<b>GEOL</b>	<b>4960</b>	<b>Field Geology</b>	Laboratory	6	0	3; BLD; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 3600						
		COURSE DESC:		Introduction to and application of geologic field mapping techniques. Satisfies the departmental field camp requirement.								
A&S	GEOL	<b>GEOL</b>	<b>4970T</b>	<b>Geological Sciences Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 3980T and HTC						
		COURSE DESC:		Honors Tutorial College tutorial about the foundational concepts and applications of the Geological Sciences.								
A&S	GEOL	<b>GEOL</b>	<b>4980T</b>	<b>Geological Sciences Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	GEOL 4970T and HTC						
		COURSE DESC:		Honors Tutorial College tutorial about the foundational concepts and applications of the Geological Sciences.								
A&S	GEOL	<b>GEOL</b>	<b>5050</b>	<b>Statistical Methods in Geology</b>	Laboratory	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Statistics applied to geologic data including an introduction to probability, parametric statistics, comparison of populations, analysis of variance, non-parametric statistics, bivariate and multivariate statistics, identification of peak and background populations, directional data and circular statistics, analysis of transient data, and geographically distributed data. Use of statistical software, spreadsheets, and tools for geologic data analysis. Labs will use data sets from different areas of geology including hydrology, sedimentology, geophysics, structural geology, and paleontology.								

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A&S	GEOL	<b>GEOL</b>	<b>5050</b>	<b>Statistical Methods in Geology</b>	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	<b>GEOL</b>	<b>5060</b>	<b>Geodata analysis for Geological Sciences</b>	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	<b>GEOL</b>	<b>5080</b>	<b>Planetary Geology</b>	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	<b>GEOL</b>	<b>5080</b>	<b>Planetary Geology</b>	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	<b>GEOL</b>	<b>5090</b>	<b>Geology of Mars</b>	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	<b>GEOL</b>	<b>5092</b>	<b>Geowriting</b>	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	<b>GEOL</b>	<b>5120</b>	<b>Earth Materials and Resources</b>	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	<b>GEOL</b>	<b>5120</b>	<b>Earth Materials and Resources</b>	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	<b>GEOL</b>	<b>5150</b>	<b>Mineralogy</b>	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	<b>GEOL</b>	<b>5150</b>	<b>Mineralogy</b>	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	<b>GEOL</b>	<b>5160</b>	<b>Geology, Mining, and Economics of Ore Deposits</b>	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	<b>GEOL</b>	<b>5160</b>	<b>Geology, Mining, and Economics of Ore Deposits</b>	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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A&S	GEOL	<b>GEOL</b>	<b>5170</b>	<b>Isotope Geology</b>	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	<b>GEOL</b>	<b>5180</b>	<b>Solid Earth Geochemistry</b>	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	<b>GEOL</b>	<b>5180</b>	<b>Solid Earth Geochemistry</b>	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	<b>GEOL</b>	<b>5201</b>	<b>Igneous &amp; Metamorphic Petrology</b>	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	<b>GEOL</b>	<b>5201</b>	<b>Igneous &amp; Metamorphic Petrology</b>	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	<b>GEOL</b>	<b>5260</b>	<b>Principles of Geochemistry</b>	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	<b>GEOL</b>	<b>5270</b>	<b>Water Geochemistry</b>	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	<b>GEOL</b>	<b>5270</b>	<b>Water Geochemistry</b>	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	<b>GEOL</b>	<b>5280</b>	<b>Physical Geochemistry</b>	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	<b>GEOL</b>	<b>5280</b>	<b>Physical Geochemistry</b>	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	<b>GEOL</b>	<b>5290</b>	<b>Contaminant Geochemistry</b>	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.								

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COURSE LISTING  
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A&S	GEOL	<b>GEOL</b>	<b>5300</b>	<b>Principles of Geomorphology</b>	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Basic concepts of origin and development of landforms. Lab study of topographic maps and aerial photographs.								
A&S	GEOL	<b>GEOL</b>	<b>5300</b>	<b>Principles of Geomorphology</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Basic concepts of origin and development of landforms. Lab study of topographic maps and aerial photographs.								
A&S	GEOL	<b>GEOL</b>	<b>5320</b>	<b>Origin and Classification of Soils</b>	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>GEOL</b>	<b>5320</b>	<b>Origin and Classification of Soils</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>GEOL</b>	<b>5390</b>	<b>Stream Geomorphology</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>GEOL</b>	<b>5400</b>	<b>Principles of Paleontology</b>	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>GEOL</b>	<b>5400</b>	<b>Principles of Paleontology</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>GEOL</b>	<b>5430</b>	<b>Paleobiogeography</b>	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>GEOL</b>	<b>5430</b>	<b>Paleobiogeography</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>GEOL</b>	<b>5440</b>	<b>Ichnology</b>	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>GEOL</b>	<b>5440</b>	<b>Ichnology</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>GEOL</b>	<b>5460</b>	<b>Earth Systems Evolution</b>	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Synthesis of the coupled histories of the Earth's interior, surface, and life.								
A&S	GEOL	<b>GEOL</b>	<b>5460</b>	<b>Earth Systems Evolution</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Synthesis of the coupled histories of the Earth's interior, surface, and life.								
A&S	GEOL	<b>GEOL</b>	<b>5480</b>	<b>Paleoecology</b>	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>GEOL</b>	<b>5480</b>	<b>Paleoecology</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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.								

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COURSE LISTING  
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A&S	GEOL	<b>GEOL</b>	<b>5500</b>	<b>Stratigraphy-Sedimentology</b>	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>GEOL</b>	<b>5500</b>	<b>Stratigraphy-Sedimentology</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>GEOL</b>	<b>5510</b>	<b>Diagenesis</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Critical view of diagenetic principles using numerous examples. Many topics are selected from recent journal articles. Students read, present, and discuss current literature, as well as writing a term paper.								
A&S	GEOL	<b>GEOL</b>	<b>5520</b>	<b>Sedimentary Systems and Processes</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>GEOL</b>	<b>5530</b>	<b>Physical Limnology</b>	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Physical parameters and processes in lake environments, including temperature, light, heat, oxygen, alkalinity, and dissolved ions. Labs include outdoor sampling and measurements.								
A&S	GEOL	<b>GEOL</b>	<b>5530</b>	<b>Physical Limnology</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Physical parameters and processes in lake environments, including temperature, light, heat, oxygen, alkalinity, and dissolved ions. Labs include outdoor sampling and measurements.								
A&S	GEOL	<b>GEOL</b>	<b>5540</b>	<b>Carbonate Depositional Systems I</b>	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>GEOL</b>	<b>5540</b>	<b>Carbonate Depositional Systems I</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>GEOL</b>	<b>5541</b>	<b>Carbonate Depositional Systems II</b>	Laboratory	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>GEOL</b>	<b>5550</b>	<b>Limnogeology</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	<b>GEOL</b>	<b>5560</b>	<b>Paleopedology</b>	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>GEOL</b>	<b>5560</b>	<b>Paleopedology</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>GEOL</b>	<b>5570</b>	<b>Petroleum Geology</b>	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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.								

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A&S	GEOL	<b>GEOL</b>	<b>5570</b>	<b>Petroleum Geology</b>	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	<b>GEOL</b>	<b>5580</b>	<b>Fluvial Sedimentology</b>	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	<b>GEOL</b>	<b>5580</b>	<b>Fluvial Sedimentology</b>	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	<b>GEOL</b>	<b>5600</b>	<b>Structural Geology</b>	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	<b>GEOL</b>	<b>5600</b>	<b>Structural Geology</b>	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	<b>GEOL</b>	<b>5610</b>	<b>Regional Field Geology</b>	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	<b>GEOL</b>	<b>5610</b>	<b>Regional Field Geology</b>	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	<b>GEOL</b>	<b>5640</b>	<b>Regional Tectonics</b>	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	<b>GEOL</b>	<b>5650</b>	<b>Geologic Methods</b>	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	<b>GEOL</b>	<b>5650</b>	<b>Geologic Methods</b>	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	<b>GEOL</b>	<b>5660</b>	<b>Geodynamics: The Earth's Interior</b>	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	<b>GEOL</b>	<b>5670</b>	<b>Tectonophysics</b>	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	<b>GEOL</b>	<b>5700</b>	<b>Groundwater Fundamentals and Practices</b>	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	<b>GEOL</b>	<b>5710</b>	<b>Advanced Environmental Geology</b>	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.								

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A&S	GEOL	<b>GEOL</b>	<b>5730</b>	<b>Forensic Geoscience</b>	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	<b>GEOL</b>	<b>5730</b>	<b>Forensic Geoscience</b>	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	<b>GEOL</b>	<b>5750</b>	<b>Watershed and Stream Hydrology</b>	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	<b>GEOL</b>	<b>5760</b>	<b>Subsurface Methods</b>	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	<b>GEOL</b>	<b>5760</b>	<b>Subsurface Methods</b>	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	<b>GEOL</b>	<b>5800</b>	<b>Principles of Hydrogeology</b>	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	<b>GEOL</b>	<b>5800</b>	<b>Principles of Hydrogeology</b>	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	<b>GEOL</b>	<b>5811</b>	<b>Advanced Hydrogeology</b>	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	<b>GEOL</b>	<b>5811</b>	<b>Advanced Hydrogeology</b>	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	<b>GEOL</b>	<b>5830</b>	<b>Field Hydrology</b>	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	<b>GEOL</b>	<b>5850</b>	<b>Introduction to Applied Geophysics</b>	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	<b>GEOL</b>	<b>5850</b>	<b>Introduction to Applied Geophysics</b>	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	<b>GEOL</b>	<b>5860</b>	<b>Applied Seismology</b>	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	<b>GEOL</b>	<b>5890</b>	<b>Advanced Topics in Hydrogeology</b>	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	<b>GEOL</b>	<b>5900</b>	<b>Special Topics in Geological Sciences</b>	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  
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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	<b>GEOL</b>	<b>5960</b>	<b>Field Geology</b>	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	<b>GEOL</b>	<b>6530</b>	<b>Sequence Stratigraphy</b>	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	<b>GEOL</b>	<b>6650</b>	<b>Basin Tectonics and Hydrocarbon Exploration</b>	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	<b>GEOL</b>	<b>6650</b>	<b>Basin Tectonics and Hydrocarbon Exploration</b>	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	<b>GEOL</b>	<b>6900</b>	<b>Special Topics in Geological Sciences</b>	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	<b>GEOL</b>	<b>6901</b>	<b>Geologic Studies</b>	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	<b>GEOL</b>	<b>6902</b>	<b>Advanced Seminar in Geology</b>	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	<b>GEOL</b>	<b>6921</b>	<b>Colloquium in Geology</b>	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	<b>GEOL</b>	<b>6940</b>	<b>Research in Geology</b>	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	<b>GEOL</b>	<b>6944</b>	<b>Teaching Methods in Geology</b>	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	<b>GEOL</b>	<b>6950</b>	<b>Thesis</b>	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	<b>T3</b>	<b>4090</b>	<b>Geologic Resources</b>	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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A&S	HIST	<b>CH</b>	<b>6010</b>	<b>Introduction to Contemporary History</b>	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	<b>CH</b>	<b>6020</b>	<b>Issues in Contemporary History</b>	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	<b>CH</b>	<b>6900</b>	<b>Special Topics in Contemporary History Institute</b>	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	<b>CH</b>	<b>6930</b>	<b>Special Project in Contemporary History</b>	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	<b>HIST</b>	<b>1210</b>	<b>Western Civilization: Antiquity to 1500</b>	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	<b>HIST</b>	<b>1210</b>	<b>Western Civilization: Antiquity to 1500</b>	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	<b>HIST</b>	<b>1220</b>	<b>Western Civilization: Modernity from 1500</b>	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	<b>HIST</b>	<b>1220</b>	<b>Western Civilization: Modernity from 1500</b>	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	<b>HIST</b>	<b>1222</b>	<b>Medieval History in Film &amp; Literature</b>	Lecture	4	0	2CP; FIE; PHTC	N	U10		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	<b>HIST</b>	<b>1320</b>	<b>Introduction to World History Before 1750</b>	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.								

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A&S	HIST	<b>HIST</b>	<b>1320</b>	<b>Introduction to World History Before 1750</b>	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	<b>HIST</b>	<b>1330</b>	<b>Introduction to World History Since 1750</b>	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 rise of nationalism, modernization, and westernization, in order to understand the nature of global and cultural interaction in the modern era.								
A&S	HIST	<b>HIST</b>	<b>1330</b>	<b>Introduction to World History Since 1750</b>	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 rise of nationalism, modernization, and westernization, in order to understand the nature of global and cultural interaction in the modern era.								
A&S	HIST	<b>HIST</b>	<b>2000</b>	<b>Survey of United States History, 1600-1877</b>	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	<b>HIST</b>	<b>2000</b>	<b>Survey of United States History, 1600-1877</b>	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	<b>HIST</b>	<b>2010</b>	<b>Survey of United States History, 1865-present</b>	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	<b>HIST</b>	<b>2010</b>	<b>Survey of United States History, 1865-present</b>	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	<b>HIST</b>	<b>2200</b>	<b>A Global Military History from Antiquity to the Present</b>	Lecture	3	0	2SS	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	<b>HIST</b>	<b>2220</b>	<b>Europe in the Twentieth Century</b>	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	<b>HIST</b>	<b>2270</b>	<b>The Middle East and the World</b>	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.								

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A&S	HIST	<b>HIST</b>	<b>2300</b>	<b>Capitalism and Its Critics: An Intellectual History</b> GEC1: A-F REQUISITE: Soph or Jr or Sr This course traces the ideas and practices that created the capitalist system in early modern Europe, saw its eventual rise to dominance by the late nineteenth century, and in so doing generated and continues to generate considerable criticism and a vibrant debate. This course both engages contemporary concerns and provides an historical account of the ideas and patterns of practice that shaped western and world economic culture from the sixteenth to the end of the twentieth century. It challenges students to understand capitalism less as a hegemonic, clearly-defined force, but rather as a multi-faceted concept that has, throughout history and in our own time, informed the beliefs and actions of kings, philosophers, economists, producers, consumers, and citizens.	Discussion	3	0	2SS; ACSW	N	U30		0
A&S	HIST	<b>HIST</b>	<b>2300</b>	<b>Capitalism and Its Critics: An Intellectual History</b> GEC1: A-F REQUISITE: Soph or Jr or Sr This course traces the ideas and practices that created the capitalist system in early modern Europe, saw its eventual rise to dominance by the late nineteenth century, and in so doing generated and continues to generate considerable criticism and a vibrant debate. This course both engages contemporary concerns and provides an historical account of the ideas and patterns of practice that shaped western and world economic culture from the sixteenth to the end of the twentieth century. It challenges students to understand capitalism less as a hegemonic, clearly-defined force, but rather as a multi-faceted concept that has, throughout history and in our own time, informed the beliefs and actions of kings, philosophers, economists, producers, consumers, and citizens.	Lecture	3	0	2SS; ACSW	N	U30		0
A&S	HIST	<b>HIST</b>	<b>2300A</b>	<b>Honors Experience: Capitalism and Its Critics: An Intellectual History</b> GEC7: CR, F, REQUISITE: OHIO Honors student and HIST 2300 currently NC OHIO Honors curricular experience in Capitalism and Its Critics: An Intellectual History	Ind Study	0	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>2460</b>	<b>The Rise of Modern Asia</b> GEC1: A-F REQUISITE: Introductory survey of the history of Asia from the early modern era to the present day. Emphasis on the rise of modern nationalism, economic development, and social and cultural achievements.	Lecture	3	0	2CP; PSBS	N	U30	CORRESPOND	0
A&S	HIST	<b>HIST</b>	<b>2460A</b>	<b>Honors Experience: Rise of Modern Asia</b> GEC7: CR, F, REQUISITE: OHIO Honors student and HIST 2460 concurrently NC OHIO Honors curricular experience in Rise of Modern Asia	Ind Study	0	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>2530</b>	<b>Life, Love, and Death in the Medieval World</b> GEC1: A-F REQUISITE: This course explores life in medieval Europe through the interpretation of contemporary sources, including saints' lives, chronicles written by conquerors and the conquered, first-hand murder accounts, and how-to guides composed for lovers, monks, knights, and architects. Lectures will also introduce evidence from archaeology and the visual arts to complement the literary record. This is a thematic course rather than a chronological survey. General topics include The World Around Them, Rules of Love, Culture of Violence, and Visions of the End.	Lecture	3	0	2HL	N	U30		0
A&S	HIST	<b>HIST</b>	<b>2530A</b>	<b>Honors Experience: Life, Love, and Death in the Medieval World</b> GEC7: CR, F, REQUISITE: HIST 2530 and Ohio Honors student NC OHIO Honors curricular experience in Life, Love, and Death in the Medieval World	Ind Study	0	0		N			0
A&S	HIST	<b>HIST</b>	<b>2540</b>	<b>Bread, Wine, Salt, Fat: History of Food before Refrigeration (500-1600)</b> GEC1: A-F REQUISITE: 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.)	Lecture	3	0	2CP	N	U30		0
A&S	HIST	<b>HIST</b>	<b>2600</b>	<b>Soccer and World History, 19th Century to the Present</b> GEC1: A-F REQUISITE: 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.	Lecture	3	0	2CP	N	U30		0
A&S	HIST	<b>HIST</b>	<b>2750</b>	<b>Disease, Medicine, and Society in Europe to 1800</b> GEC1: A-F REQUISITE: 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.	Lecture	3	0	ACNW	N	U30		0

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COURSE LISTING  
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A&S	HIST	<b>HIST</b>	<b>2755</b>	<b>Nature, Science and Religion in premodern Europe to 1750</b>	Lecture	3	0	2SS; ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>HIST</b>	<b>2900</b>	<b>Special Topics in History</b>	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	HIST	<b>HIST</b>	<b>2905</b>	<b>Technology in World History</b>	Lecture	3	0	2SS; ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: From hand tools, stirrups, and windmills to lasers, batteries, and biotechnology, human history and technology can only be understood together. This course explores the ways in which technology has shaped human society from antiquity to the twentieth century. Beginning with a chronological survey that highlights key moments in in pre-modern societies, it then focuses on important themes in the last several centuries. These themes include transportation, industry, agriculture, war, and the environment, among others. In this way, technology provides a critical perspective for understanding modernization in a global context.								
A&S	HIST	<b>HIST</b>	<b>2950</b>	<b>Introductory History Seminar</b>	Seminar	3	0	BSL	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Fr or Soph	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	<b>HIST</b>	<b>2970T</b>	<b>Honors Tutorial Seminar</b>	Tutorial	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Permission required and HTC	Honors tutorial on topics in History							
A&S	HIST	<b>HIST</b>	<b>2971T</b>	<b>Honors Tutorial Study, Second Year, Non-thesis</b>	Tutorial	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Permission required and HTC	Individualized tutorial for HTC students only.							
A&S	HIST	<b>HIST</b>	<b>2980T</b>	<b>Honors Tutorial Study</b>	Tutorial	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Permission required and HTC	Honors tutorial on topics in History							
A&S	HIST	<b>HIST</b>	<b>2981T</b>	<b>Honors Tutorial Study, Second Year, Non-thesis</b>	Tutorial	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Permission required and HTC	Individualized tutorial for HTC students only.							
A&S	HIST	<b>HIST</b>	<b>3000</b>	<b>Atlantic History</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Soph or Jr or Sr	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	<b>HIST</b>	<b>3002</b>	<b>Colonial British North America</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Soph or Jr or Sr	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	<b>HIST</b>	<b>3004</b>	<b>Revolutionary Era</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Soph or Jr or Sr	Causes of American Revolution and struggle for independence. Confederation, movement for new government, framing of Constitution.							

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A&S	HIST	<b>HIST</b>	<b>3008</b>	<b>Early U.S. Republic</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Examines the earliest decades of the new United States, including how diverse peoples in different regions, ethnic groups, and classes struggled to coexist and define what it meant to live under the republican form of government created in 1776 and consolidated in 1787. Will include topics such as institution building, westward expansion and its effects on Native and African-Americans, the nation's place on the world stage, the War of 1812, the emergence of partisanship and party systems, competing understandings of political economy, political culture, and life in the early Republic.	Lecture	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3018</b>	<b>History of the American South to 1900</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Study of the diverse peoples and dynamic socioeconomic, cultural, and political processes that shaped the American South and affected its relationship to the broader world from the colonial period to the emergence of a "New South." Examines the origins and effects of racism and slavery; the regional and national institutions created to sustain and extend slavery; its destruction in the midst of the Civil War; and the complex realities and legacy of emancipation for the region and the nation.	Lecture	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3020</b>	<b>Survey of American Indian History</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Treats Indian societies before European contact; cultural contact, negotiation, and conflict with Spanish, English, and French settlers; United States policy toward Indians; and Indian peoples' diverse strategies of preservation, adaptation, resistance, and accommodation from first contact to the present.	Lecture	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3030</b>	<b>United States in World War II</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Military and diplomatic role of U.S. in WWII; war's political, economic, and social impact on the nation.	Lecture	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3050</b>	<b>The United States and the Vietnam War</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Examination of American experience in Vietnam, both in terms of military and diplomatic history of war itself, and its impact on American society.	Lecture	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3050A</b>	<b>Honors Experience: The US and the Vietnam War</b> ELIGIBLE GRADES: GEC7: CR, F, COURSE DESC: OHIO Honors curricular experience in The US and the Vietnam War	Ind Study	0	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3060</b>	<b>American Environmental History</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: A survey of the evolution, from 1492 to the present, of American attitudes toward and interactions with the natural world, including such topics as the Columbian Exchange, romanticism, the Western frontier, conservation, the "land ethic," and environmental policy in the 1960s and 1970s.	Lecture	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3070</b>	<b>Famous Trials in American History</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Uses the medium of famous trials to explore the relationship between law and society in American history from the 17th- to the 20th- centuries. Some of the cases studied are landmarks in the history of law, while others provide social and cultural insights into a particular period of American history. Along the way, the class considers the role of governmental entities, the legal profession, the judiciary, the press, and the public in famous trials.	Lecture	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3081</b>	<b>The Civil War and its Aftermath</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Explores the diverse individuals and processes that brought about the U.S. Civil War, determined its course and outcome, and shaped a complicated and contested settlement. Themes will include military engagements, expansionism, increased sectionalism, race and slavery, political parties, society and institutions in the Union and Confederacy, attempts to restructure Southern society, and developments at the national level in the post-war period.	Lecture	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3090</b>	<b>American Constitutional History, Part 1: Origins to Reconstruction</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Traces the history of American constitutionalism from its English roots through the aftermath of the Civil War. While the purview is not restricted to the federal constitution, that document will form its chief focus. Ideas, institutions, and individuals responsible for the construction of America's unique constitutional heritage are studied in detail.	Lecture	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3095</b>	<b>American Constitutional History, 1880s-Present</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Studies the history of American Constitutionalism from the last half of the 19th- century to the last half of the 20th. Concentration on the Federal Constitution and its role in shaping the public and private lives of Americans. Particular attention will be paid to the ideas, institutions, and individuals responsible for making the Constitution a battleground rife with intellectual, social, and cultural significance.	Lecture	3	0		N	U30		0

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A&S	HIST	<b>HIST</b>	<b>3100</b>	<b>Emergence of the Modern United States: Progressive Era and Roaring Twenties</b> 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.	Lecture	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3104</b>	<b>United States, 1945-Present</b> 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.	Lecture	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3106</b>	<b>History of American Conservatism</b> 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.	Lecture	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3110</b>	<b>History of Public Health Disasters</b> 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.	Lecture	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3111J</b>	<b>Historical Research and Writing</b> 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.	Seminar	3	0	1J; FAW	I	U30		75
A&S	HIST	<b>HIST</b>	<b>3140</b>	<b>Pop/High Culture in 20th Century America</b> 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.	Lecture	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3141</b>	<b>History of American Radicalism: From the Populists to Occupy Wall Street</b> 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.	Lecture	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3144</b>	<b>US Social History in the 20th century</b> 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.	Lecture	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3146</b>	<b>American Ideas, 20th- Century</b> 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.	Lecture	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3147</b>	<b>History of Now: America, 1989-Present</b> 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.	Lecture	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3148</b>	<b>Cultural Rebels in the Modern U.S.</b> 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?	Lecture	3	0		N	U30		0

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A&S	HIST	<b>HIST</b>	<b>3150</b>	<b>Survey of African American History</b>	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	<b>HIST</b>	<b>3162</b>	<b>History of U.S. Involvement in World Affairs, 1898-1945</b>	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	<b>HIST</b>	<b>3164</b>	<b>History of U.S. Involvement in World Affairs, 1945-Present</b>	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	<b>HIST</b>	<b>3170</b>	<b>Survey of Ohio History</b>	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	<b>HIST</b>	<b>3200</b>	<b>Women in American History Before 1877</b>	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	<b>HIST</b>	<b>3201</b>	<b>Women in American History Since 1877</b>	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	<b>HIST</b>	<b>3202</b>	<b>Women's Health and Medicine in U.S. History</b>	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	<b>HIST</b>	<b>3211</b>	<b>American Military History, 1600-Present</b>	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.								
A&S	HIST	<b>HIST</b>	<b>3211A</b>	<b>Honors Experience: American Military History Since 1600</b>	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: HIST 3211 concurrently and Ohio Honors student								
		COURSE DESC:		NC OHIO Honors curricular experience in American Military History Since 1600								
A&S	HIST	<b>HIST</b>	<b>3213</b>	<b>War, Violence, Modernity</b>	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.								

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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	<b>HIST</b>	<b>3213A</b>	<b>Honors Experience: War, Violence, and Modernity</b>	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	<b>HIST</b>	<b>3220</b>	<b>1960s in U.S.: Decade of Controversy</b>	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	<b>HIST</b>	<b>3224</b>	<b>The 1980s in the U.S.: The Age of Reagan and Madonna</b>	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	<b>HIST</b>	<b>3230</b>	<b>Latin American History: The Colonial Era</b>	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	<b>HIST</b>	<b>3231</b>	<b>Latin American History: From Independence to the Present</b>	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	<b>HIST</b>	<b>3232</b>	<b>History of Brazil</b>	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	<b>HIST</b>	<b>3233</b>	<b>The History of Modern Mexico</b>	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	<b>HIST</b>	<b>3250</b>	<b>History of U.S.- Latin American Relations</b>	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.								
A&S	HIST	<b>HIST</b>	<b>3270</b>	<b>Slavery in the Americas</b>	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	<b>HIST</b>	<b>3281</b>	<b>Jewish History Since 1492</b>	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.								



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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	<b>HIST</b>	<b>3290</b>	<b>Ancient Near East: Egypt, Mesopotamia, and the Levant</b>	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	<b>HIST</b>	<b>3291</b>	<b>Ancient Greece</b>	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	<b>HIST</b>	<b>3291A</b>	<b>Honors Experience in Ancient Greece</b>	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	<b>HIST</b>	<b>3292</b>	<b>Ancient Rome</b>	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	<b>HIST</b>	<b>3292A</b>	<b>Honors Experience in Ancient Rome</b>	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	<b>HIST</b>	<b>3293</b>	<b>World of Late Antiquity: Culture and Society in the Late Roman Empire</b>	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	<b>HIST</b>	<b>3301</b>	<b>African History Through Film</b>	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	<b>HIST</b>	<b>3320</b>	<b>Women, Gender, and Sexuality in Middle East History</b>	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.								
A&S	HIST	<b>HIST</b>	<b>3330</b>	<b>Oil, the Persian Gulf, and World Power</b>	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	<b>HIST</b>	<b>3360</b>	<b>History of North Africa</b>	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.								

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A&S	HIST	<b>HIST</b>	<b>3370</b>	<b>Middle East History 600 to 1500</b>	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	<b>HIST</b>	<b>3371</b>	<b>Middle East History 1500 to the present</b>	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	<b>HIST</b>	<b>3372</b>	<b>Protest, Rebellion, and Revolution in the Modern Middle East</b>	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	<b>HIST</b>	<b>3390</b>	<b>Women in African History</b>	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	<b>HIST</b>	<b>3410</b>	<b>History of Africa to 1850</b>	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	<b>HIST</b>	<b>3411</b>	<b>History of Africa Since 1850</b>	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	<b>HIST</b>	<b>3420</b>	<b>History of South Africa</b>	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	<b>HIST</b>	<b>3440</b>	<b>History of Vietnam</b>	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.								
A&S	HIST	<b>HIST</b>	<b>3450</b>	<b>Southeast Asia to c. 1750: The Creative Synthesis</b>	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Highlights of prehistory and proto-history and development of classical states. Emphasis on cultural synthesis (Hindu, Buddhist, Muslim, and animist influences) and theme of change and continuity in both great and little traditions of region.								
A&S	HIST	<b>HIST</b>	<b>3451</b>	<b>Southeast Asia, c. 1750 to 1945: Change and Conflict</b>	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Indigenous change and widening effects of western penetration, with emphasis on social and cultural developments. Nature of western and Japanese colonialism in region, and response of the colonized seen in light of both traditional and modern influences.								

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A&S	HIST	<b>HIST</b>	<b>3452</b>	<b>Southeast Asia, 1945 to the Present: The Search for Stability</b> GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: The great national revolutions of the 1940s. Social and cultural context of nationalism and revolt, search for new political forms, and struggle against disunity and poverty.	Lecture	3	0	2CP	N	U30		0
A&S	HIST	<b>HIST</b>	<b>3463</b>	<b>History of China from Antiquity to the Early Modern Era</b> GEC1: A-F REQUISITE: (Soph or Jr or Sr) and Warning: no credit for both this and the following: HIST 3460 or HIST 3461 COURSE DESC: Present-day Chinese political, intellectual, and cultural leaders frequently claim that China has the longest continuous history of any nation in the world. Implicit in this statement is the argument that an appreciation of the deep Chinese past is necessary for any considered understanding of contemporary China. This course provides a narrative of that past by tracing the history of pre-dynastic and dynastic China from antiquity to the early modern era. The continuities and discontinuities between different historical periods are emphasized. The course concludes with a re-evaluation of what the Chinese past reveals about the Chinese present.	Lecture	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3464</b>	<b>History of China from the Early Modern Era to the Present</b> GEC1: A-F REQUISITE: (Soph or Jr or Sr) and not HIST 3462 COURSE DESC: The extraordinary transformations in contemporary China are a focus of fascination, anxiety, and confusion both inside and outside of China. Though seemingly sudden, these changes have deep roots in Chinese history. This course presents a narrative of that past by tracing the history of the late imperial and the post-dynastic eras. The course concludes with an examination of present-day China.	Lecture	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3465</b>	<b>History of US China Relations</b> GEC1: A-F REQUISITE: Soph or Jr or Sr 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.	Lecture	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3480</b>	<b>Traditional Japan</b> GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Traces major elements of Japanese culture and thought from their origins, through major Chinese influence, results of medieval civil warfare (including development of Samurai values), and up to premodern workings of Japan's sophisticated commercial economy.	Lecture	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3481</b>	<b>Modern Japan</b> GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: Political weakness of Tokugawa system leading to opening of Japan to Western trade and restoration of emperor; favorable economic and political base that allowed Japan to enter successfully into competition with European nations; Japan's ultranationalist era, the Pacific War and postwar reconstruction. Contemporary Japan and its new role in the world.	Lecture	3	0		N	U30		0
A&S	HIST	<b>HIST</b>	<b>3500</b>	<b>Science and Society in the Modern World</b> GEC1: A-F REQUISITE: Soph or Jr or Sr COURSE DESC: From the end of the Scientific Revolution to contemporary debates surrounding human-made climate change, this course examines key themes in the history of science since the 18th century. It treats science as both an evolving set of practices and methods as well as a body of knowledge, including developments such as thermodynamics, evolutionary biology, germ theory, the periodic table of the elements, and discovery of the human genome. It also considers apparently unsuccessful developments, such as phrenology, catastrophism, and Lamarckianism. Students will learn about the socially-contingent nature of science, the relationship between science and politics, and the efforts made to divide science from pseudoscience.	Lecture	3	0	2SS	N	U30		0
A&S	HIST	<b>HIST</b>	<b>3520</b>	<b>Roman Law &amp; Society</b> 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.	Lecture	3	0	2CP	N	U30		0
A&S	HIST	<b>HIST</b>	<b>3521</b>	<b>Medieval Law &amp; Society: Byzantine, Sharia, and Germanic Law, 500-1000</b> 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.	Lecture	3	0		N	U30		0

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A&S	HIST	<b>HIST</b>	<b>3531</b>	<b>Vikings - Saxons - Franks: Western Europe, 476-1066</b>	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	<b>HIST</b>	<b>3531A</b>	<b>Honors Experience: Vikings - Saxons - Franks: Western Europe, 476-1066</b>	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:		OHIO curricular experience in Vikings, Saxons, Franks: Western Europe, 476-1066.								
A&S	HIST	<b>HIST</b>	<b>3532</b>	<b>History of the Crusades</b>	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	<b>HIST</b>	<b>3533</b>	<b>Europe in the Middle Ages, 1000-1350</b>	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	<b>HIST</b>	<b>3540</b>	<b>History of Early Christianity</b>	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	<b>HIST</b>	<b>3541</b>	<b>Medieval Christianity: Church and Society</b>	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	<b>HIST</b>	<b>3542</b>	<b>The European Reformation</b>	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	<b>HIST</b>	<b>3550</b>	<b>The Age of Darwin, 1800-Present</b>	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	<b>HIST</b>	<b>3555</b>	<b>Women in Medieval Europe</b>	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.								
A&S	HIST	<b>HIST</b>	<b>3560</b>	<b>The Italian Renaissance</b>	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	<b>HIST</b>	<b>3562</b>	<b>Muslims, Christians, and Jews in the History of Medieval Spain</b>	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.								

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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	<b>HIST</b>	<b>3580</b>	<b>Power and Revolution in Early Modern Europe, 1450-1650</b>	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	<b>HIST</b>	<b>3581</b>	<b>Politics, Power and People in Europe, 1650-1775</b>	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	<b>HIST</b>	<b>3600</b>	<b>Women in Early Modern European History, 1400-1800</b>	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	<b>HIST</b>	<b>3640</b>	<b>Europe Between World Wars, 1919-1939</b>	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	<b>HIST</b>	<b>3641</b>	<b>Contemporary Europe</b>	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	<b>HIST</b>	<b>3680</b>	<b>Germany in the 19th- Century</b>	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	<b>HIST</b>	<b>3681</b>	<b>Germany in the 20th Century</b>	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	<b>HIST</b>	<b>3682</b>	<b>Nazi Germany</b>	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.								
A&S	HIST	<b>HIST</b>	<b>3683</b>	<b>Germany between East and West since 1945</b>	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	<b>HIST</b>	<b>3710</b>	<b>Magic, Heresy and Witchcraft in Europe</b>	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.								

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A&S	HIST	<b>HIST</b>	<b>3715</b>	<b>Sex, Crime and Deviance in Europe, 1200-1800</b>	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	<b>HIST</b>	<b>3731</b>	<b>Balkan dreams and nightmares: Southeastern Europe from 1908 to the Present</b>	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	<b>HIST</b>	<b>3741</b>	<b>Origins of World War II, 1914-1941</b>	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	<b>HIST</b>	<b>3742</b>	<b>The Cold War, 1941-1989</b>	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	<b>HIST</b>	<b>3750</b>	<b>World War I</b>	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	<b>HIST</b>	<b>3770</b>	<b>The Holocaust</b>	Lecture	3	0		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	<b>HIST</b>	<b>3790</b>	<b>History of Sea Power</b>	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	<b>HIST</b>	<b>3791</b>	<b>Britain and the World since 1970</b>	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.								
A&S	HIST	<b>HIST</b>	<b>3792</b>	<b>History of Secret Intelligence: Great Game to Five Eyes</b>	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	<b>HIST</b>	<b>3820</b>	<b>History of Russia</b>	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.								

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A&S	HIST	<b>HIST</b>	<b>3821</b>	<b>Russia: Road to Revolution 1825-1917</b>	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	<b>HIST</b>	<b>3822</b>	<b>Soviet Union</b>	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	<b>HIST</b>	<b>3823</b>	<b>The USSR in World War II</b>	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	<b>HIST</b>	<b>3831</b>	<b>Modern Poland: War, Revolution and Peace from 1905 to the Present</b>	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	<b>HIST</b>	<b>3840</b>	<b>Ethnic Cleansing in Modern European History</b>	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	<b>HIST</b>	<b>3860</b>	<b>Shakespeare's England, 1450-1603</b>	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	<b>HIST</b>	<b>3861</b>	<b>Revolutionary Britain, 1603-1702</b>	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.								
A&S	HIST	<b>HIST</b>	<b>3862</b>	<b>English History to 1688</b>	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	<b>HIST</b>	<b>3864</b>	<b>Making Modern Britain, 1702-1815</b>	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	<b>HIST</b>	<b>3865</b>	<b>Churchill's Britain</b>	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.								

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A&S	HIST	<b>HIST</b>	<b>3866</b>	<b>Afghan Wars</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr 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	<b>HIST</b>	<b>3867</b>	<b>British Empire in the 19th Century</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr 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	<b>HIST</b>	<b>3868</b>	<b>British Empire in the 20th Century</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr 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	<b>HIST</b>	<b>3900</b>	<b>History Through Film</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	6		N	U30		0
				GEC1: A-F REQUISITE: Soph or Jr or Sr 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	<b>HIST</b>	<b>3970T</b>	<b>History Tutorial, Third year, Non-thesis</b> ELIGIBLE GRADES: COURSE DESC:	Tutorial	1 to 15	99		I	U30		0
				GEC1: A-F REQUISITE: Permission required and HTC Individualized tutorial for HTC students only.								
A&S	HIST	<b>HIST</b>	<b>3980T</b>	<b>Honors Tutorial Study, Third Year, Non-thesis</b> ELIGIBLE GRADES: COURSE DESC:	Tutorial	1 to 15	99		I	U30		0
				GEC1: A-F REQUISITE: Permission required and HTC Individualized tutorial for HTC students only.								
A&S	HIST	<b>HIST</b>	<b>4115</b>	<b>Ancient East Asian Ideas and the Contemporary World</b> ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0	3; BER; CAP	N	U30		0
				GEC1: A-F REQUISITE: 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.								
A&S	HIST	<b>HIST</b>	<b>4130</b>	<b>Philosophy of History: Understanding the Past</b> ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0	3; BSL; CAP	N	U30		50
				GEC1: A-F REQUISITE: Senior and 9 credit hours in History 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	<b>HIST</b>	<b>4500</b>	<b>The New Deal and Its Challenges, 1933-1945</b> ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0	3; CAP	N	U30		0
				GEC1: A-F REQUISITE: Sr and HIST 2010 and 6 additional hours in History 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	<b>HIST</b>	<b>4536</b>	<b>Eternal Rome: Piety and Power</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0	3; BLD; CAP	N	U30		0
				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 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.								



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A&S	HIST	<b>HIST</b>	<b>4770</b>	<b>Perspectives on the Holocaust: Sources and Interpretation</b>	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	<b>HIST</b>	<b>4900</b>	<b>Special Topics in History</b>	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	<b>HIST</b>	<b>4901</b>	<b>Colloquium in United States History</b>	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	<b>HIST</b>	<b>4902</b>	<b>Colloquium in Latin American History</b>	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	<b>HIST</b>	<b>4903</b>	<b>Colloquium in European History</b>	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	<b>HIST</b>	<b>4904</b>	<b>Colloquium in the History of Southeast Asia</b>	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	<b>HIST</b>	<b>4905</b>	<b>Colloquium in Middle Eastern History</b>	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	<b>HIST</b>	<b>4906</b>	<b>Colloquium in African History</b>	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	<b>HIST</b>	<b>4907</b>	<b>Colloquium in East Asian History</b>	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.								
A&S	HIST	<b>HIST</b>	<b>4910</b>	<b>History Internship</b>	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	<b>HIST</b>	<b>4930</b>	<b>Directed Study in History</b>	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	<b>HIST</b>	<b>4940H</b>	<b>Honors Studies of Selected Historical Topics</b>	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	<b>HIST</b>	<b>4970T</b>	<b>HTC Thesis Tutorial, Fall Semester</b>	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.								

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A&S	HIST	<b>HIST</b>	<b>4980T</b>	<b>HTC Thesis Tutorial, Spring Semester</b>	Tutorial	1 to 15	99		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required and HTC PR								
		COURSE DESC:		Thesis done in last year of History Honors Tutorial program.								
A&S	HIST	<b>HIST</b>	<b>5000</b>	<b>Atlantic History</b>	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	<b>HIST</b>	<b>5002</b>	<b>Colonial British North America</b>	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	<b>HIST</b>	<b>5004</b>	<b>Revolutionary Era</b>	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	<b>HIST</b>	<b>5008</b>	<b>Early US Republic</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Examines the earliest decades of the new United States, including how diverse peoples in different regions, ethnic groups, and classes struggled to coexist and define what it meant to live under the republican form of government created in 1776 and consolidated in 1787. Will include topics such as institution building, westward expansion and its effects on Native and African-Americans, the nation's place on the world stage, the War of 1812, the emergence of partisanship and party systems, competing understandings of political economy, political culture, and life in the early Republic.								
A&S	HIST	<b>HIST</b>	<b>5018</b>	<b>History of the American South to 1900</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	<b>HIST</b>	<b>5020</b>	<b>Survey of American Indian History</b>	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	<b>HIST</b>	<b>5030</b>	<b>United States in World War II</b>	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	<b>HIST</b>	<b>5050</b>	<b>The United States and the Vietnam War</b>	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	<b>HIST</b>	<b>5060</b>	<b>American Environmental History</b>	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.								

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A&S	HIST	<b>HIST</b>	<b>5081</b>	<b>The Civil War and its Aftermath</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	<b>HIST</b>	<b>5090</b>	<b>American Constitutional History, Part 1: Origins to Reconstruction</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	<b>HIST</b>	<b>5095</b>	<b>American Constitutional History, 1880s-Present</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	<b>HIST</b>	<b>5100</b>	<b>Emergence of the Modern United States: Progressive Era and Roaring Twenties</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	<b>HIST</b>	<b>5104</b>	<b>United States, 1945-Present</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	<b>HIST</b>	<b>5106</b>	<b>History of American Conservatism</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	<b>HIST</b>	<b>5110</b>	<b>History of Public Health Disasters</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	<b>HIST</b>	<b>5118</b>	<b>Art and History: 1950s and 1960s</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR An interdisciplinary examination of the years from the late 1940s to late 1960s that includes examinations of art (from Abstract Expressionism to Pop), film (from Film Noir to the influence of the counterculture), literature (from neo-realism to postmodern), and intellectual life (social criticism). Students will examine key documents and learn how to interpret them by placing them in historical context. They will write a synthetic paper on a key topic covered in the class.								

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A&S	HIST	<b>HIST</b>	<b>5140</b>	<b>Pop/High Culture in 20th Century America</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	<b>HIST</b>	<b>5141</b>	<b>History of American Radicalism: From the Populists to Occupy Wall Street</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	<b>HIST</b>	<b>5144</b>	<b>US Social History in the 20th century</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	<b>HIST</b>	<b>5146</b>	<b>American Ideas, 20th- Century</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	<b>HIST</b>	<b>5147</b>	<b>History of Now: America, 1989-Present</b>	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	<b>HIST</b>	<b>5148</b>	<b>Cultural Rebels in the Modern U.S.</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	<b>HIST</b>	<b>5150</b>	<b>Survey of African American History</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	<b>HIST</b>	<b>5162</b>	<b>History of U.S. Involvement in World Affairs, 1898-1945</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	<b>HIST</b>	<b>5164</b>	<b>History of U.S. Involvement in World Affairs, 1945-Present</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Examines United States involvement in the Cold War and the post-Cold War World, with emphasis on the causes and consequences of major wars and the use of major instruments of foreign policy, including foreign aid, covert intervention, and public diplomacy. In addition to analyzing U.S. government policies, it will also give attention to nongovernmental organizations and actors.								

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A&S	HIST	<b>HIST</b>	<b>5190</b>	<b>Graduate Survey in US History, 1607 to 1877</b>	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	<b>HIST</b>	<b>5191</b>	<b>Graduate Survey in US History, 1877 to the present</b>	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	<b>HIST</b>	<b>5200</b>	<b>Women in American History Before 1877</b>	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	<b>HIST</b>	<b>5201</b>	<b>Women in American History Since 1877</b>	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	<b>HIST</b>	<b>5202</b>	<b>Women's Health and Medicine in U.S. History</b>	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	<b>HIST</b>	<b>5211</b>	<b>American Military History, 1600-Present</b>	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.								
A&S	HIST	<b>HIST</b>	<b>5213</b>	<b>War, Violence, Modernity</b>	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	<b>HIST</b>	<b>5220</b>	<b>1960s in U.S.: Decade of Controversy</b>	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	<b>HIST</b>	<b>5224</b>	<b>The 1980s in the U.S.: The Age of Reagan and Madonna</b>	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.								

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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	<b>HIST</b>	<b>5230</b>	<b>Latin American History: The Colonial Era</b>	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	<b>HIST</b>	<b>5231</b>	<b>Latin American History: From Independence to the Present</b>	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	<b>HIST</b>	<b>5232</b>	<b>History of Brazil</b>	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	<b>HIST</b>	<b>5233</b>	<b>The History of Modern Mexico</b>	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	<b>HIST</b>	<b>5250</b>	<b>History of U.S.- Latin American Relations</b>	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	<b>HIST</b>	<b>5270</b>	<b>Slavery in the Americas</b>	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.								
A&S	HIST	<b>HIST</b>	<b>5281</b>	<b>Jewish History Since 1492</b>	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	<b>HIST</b>	<b>5290</b>	<b>Ancient Egypt and Mesopotamia</b>	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	<b>HIST</b>	<b>5291</b>	<b>Ancient Greece</b>	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.								

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A&S	HIST	<b>HIST</b>	<b>5292</b>	<b>Ancient Rome</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	<b>HIST</b>	<b>5293</b>	<b>World of Late Antiquity: Culture and Society in the Late Roman Empire</b>	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	<b>HIST</b>	<b>5330</b>	<b>Oil, the Persian Gulf, and World Power</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	<b>HIST</b>	<b>5333</b>	<b>Europe in the Middle Ages, 1000-1350</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	<b>HIST</b>	<b>5370</b>	<b>Middle East History 600 to 1500</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	<b>HIST</b>	<b>5371</b>	<b>Middle East History 1500 to the present</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	<b>HIST</b>	<b>5372</b>	<b>Protest, Rebellion, and Revolution in the Modern Middle East</b>	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	<b>HIST</b>	<b>5390</b>	<b>Women in African History</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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.								

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A&S	HIST	<b>HIST</b>	<b>5410</b>	<b>History of Africa to 1850</b>	Lecture	4	0		I	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Provides an introductory overview of the peoples and states of Africa, and their developments over time. Focusing primarily on the sub-Saharan regions, will explore a variety of sources that historians of Africa use to examine issues such as state formation, trade and commerce, gender and society, and slavery.								
A&S	HIST	<b>HIST</b>	<b>5411</b>	<b>History of Africa Since 1850</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Provides an introductory overview of the peoples and states of Africa, and their developments over time. Focusing primarily on the sub-Saharan regions, will explore a variety of sources that historians of Africa use to examine issues such as state formation, trade and commerce, gender and society, slavery, European imperialism and colonialism, African nationalism, and independence.								
A&S	HIST	<b>HIST</b>	<b>5420</b>	<b>History of South Africa</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Establishment and transformation of African societies (Bantu migrations); coming of Europeans; evolution of Cape society (Black, White, Colored); conflicting nationalisms; Great Trek; rise of Zulu kingdom and the Mfecane; mineral revolution and subjection of African chiefdoms; British imperialism and coming of South African (Boer) War.								
A&S	HIST	<b>HIST</b>	<b>5440</b>	<b>History of Vietnam</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Modern Vietnamese civilization since 15th- century, emphasizing political and social change after 1800.								
A&S	HIST	<b>HIST</b>	<b>5450</b>	<b>Southeast Asia to c. 1750: The Creative Synthesis</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Highlights of prehistory and proto-history and development of classical states. Emphasis on cultural synthesis (Hindu, Buddhist, Muslim, and animist influences) and theme of change and continuity in both great and little traditions of region.								
A&S	HIST	<b>HIST</b>	<b>5451</b>	<b>Southeast Asia, c. 1750 to 1945: Change and Conflict</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Indigenous change and widening effects of western penetration, with emphasis on social and cultural developments. Nature of western and Japanese colonialism in region, and response of the colonized seen in light of both traditional and modern influences.								
A&S	HIST	<b>HIST</b>	<b>5452</b>	<b>Southeast Asia, 1945 to the Present: The Search for Stability</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR The great national revolutions of the 1940s. Social and cultural context of nationalism and revolt, search for new political forms, and struggle against disunity and poverty.								
A&S	HIST	<b>HIST</b>	<b>5463</b>	<b>History of China from Antiquity to the Early Modern Era</b>	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	<b>HIST</b>	<b>5464</b>	<b>History of China from the Early Modern Era to the Present</b>	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.								



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A&S	HIST	<b>HIST</b>	<b>5465</b>	<b>History of US China Relations</b>	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	<b>HIST</b>	<b>5480</b>	<b>Traditional Japan</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	Traces major elements of Japanese culture and thought from their origins, through major Chinese influence, results of medieval civil warfare (including development of Samurai values), and up to premodern workings of Japan's sophisticated commercial economy.							
A&S	HIST	<b>HIST</b>	<b>5481</b>	<b>Modern Japan</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	Political weakness of Tokugawa system leading to opening of Japan to Western trade and restoration of emperor; favorable economic and political base that allowed Japan to enter successfully into competition with European nations; Japan's ultranationalist era, the Pacific War and postwar reconstruction. Contemporary Japan and its new role in the world.							
A&S	HIST	<b>HIST</b>	<b>5520</b>	<b>Roman Law &amp; Society</b>	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	<b>HIST</b>	<b>5521</b>	<b>Medieval Law &amp; Society: Byzantine, Sharia, and Germanic Law, 500-1000</b>	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.								
A&S	HIST	<b>HIST</b>	<b>5531</b>	<b>Vikings - Saxons - Franks: Western Europe, 476-1066</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	This course examines the formation of Germanic societies in the wake of the Roman Empire's collapse in western Europe. We begin by surveying major transformations in political and legal institutions, economy and trade, and religious conversion. Our focus then shifts in turn to Franks in modern France and Germany, Saxons in Britain, and Scandinavians (better known as the Vikings) at home and abroad. Along with lectures and a textbook, we read primary sources including contemporary chronicles, saints' lives, and sagas.							
A&S	HIST	<b>HIST</b>	<b>5532</b>	<b>History of the Crusades</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Graduate Status						
		COURSE DESC:		PR	Surveys the major European crusades to the Middle East, with comparison to the Albigensian, Iberian, and Baltic crusades. Focuses on the interaction and perspective of the different Christian, Jewish, and Muslim communities, and the impact of crusading ideology on western history.							
A&S	HIST	<b>HIST</b>	<b>5536</b>	<b>Eternal Rome: Piety and Power</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	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	<b>HIST</b>	<b>5540</b>	<b>History of Early Christianity</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	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.							

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A&S	HIST	<b>HIST</b>	<b>5541</b>	<b>Medieval Christianity: Church and Society</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		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	<b>HIST</b>	<b>5542</b>	<b>The European Reformation</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		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	<b>HIST</b>	<b>5555</b>	<b>Women in Medieval Europe</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Graduate Status								
				PR								
		COURSE DESC:		Selected topics in the history of European women between 500 and 1500, including sexuality, motherhood, family, work, Christianity (beliefs and practices), Islam and Judaism, rulership and power, sanctity, literacy, and love. Students will explore primary sources and current scholarship.								
A&S	HIST	<b>HIST</b>	<b>5560</b>	<b>The Italian Renaissance</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		Explores Italian urban life and culture, the courtly world of political elites, education reform and Humanism, religious expression and the Papal court, scientific and medical discovery, art and expressions of power in Italy, 1350-1550. It also examines the darker side of Renaissance culture - violence, sexual deviance, and social repression.								
A&S	HIST	<b>HIST</b>	<b>5562</b>	<b>Muslims, Christians, and Jews in the History of Medieval Spain</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Graduate Status								
				PR								
		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	<b>HIST</b>	<b>5580</b>	<b>Power and Revolution in Early Modern Europe, 1450-1650</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		Explores major political, economic, social and religious developments in Europe from the Age of Discovery (the Americas) to the Thirty Years' War. Will explore this period as one of ideological change through emphasis on "revolutions" in world-view, religion, social structure, politics and science/medicine in Europe.								
A&S	HIST	<b>HIST</b>	<b>5581</b>	<b>Politics, Power and People in Europe, 1650-1775</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		Explores major political, economic, intellectual and social developments in Europe (particular attention given to France, Spain, Germany), 1650 to eve of French Revolution. Emphasis on absolutism & despotism, diplomatic revolution, competition for empire, Enlightenment and emergence of a 'public' as agent of change.								
A&S	HIST	<b>HIST</b>	<b>5600</b>	<b>Women in Early Modern European History, 1400-1800</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		Explores the social, cultural, political, and economic roles of women in Europe from the 15th- through the 18th- centuries. Students will examine women as monarchs, nobles and peasants; as actresses, musicians, and playwrights; as mothers, wives, and daughters; as Christians, Jews, and Muslims; as scientists and scholars; and as witches, prostitutes, and criminals. Key issues will include women's political power and participation in politics; sexuality and the body; women's spiritual and religious roles; and women's interactions with men. The Early Modern period sets the stage for a changing history of women in Europe, and the class will thus underline the ways in which women's roles evolved and changed over the course of early modern Europe.								
A&S	HIST	<b>HIST</b>	<b>5640</b>	<b>Europe Between World Wars, 1919-1939</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		Fascism, Communism, World Depression, and 20-Year Armistice between 1919 and 1939. Economic and cultural approach.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>HIST</b>	<b>5641</b>	<b>Contemporary Europe</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Will consider key themes in the history of postwar Europe. We will explore Europe's division and ethnic cleansing in 1945, efforts of pan-European State Socialist and Atlanticist integration, Europe's imperial/colonial struggles and cultural-religious transformations. We will also consider the impact of the collapse of the Soviet Empire in Europe and the emergence of newly independent states in former Soviet spaces as well as the wars of Yugoslav disintegration and European integration. We will conclude with a survey of current issues in European political, cultural, and social life.								
A&S	HIST	<b>HIST</b>	<b>5680</b>	<b>Germany in the 19th- Century</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Cosmopolitanism and movement to create national German state; rise of capitalism and decline of handicraft; liberation of German peasantry; revolution of 1848 and reaction; blood-and-iron chancellor; Germany's rise to European predominance; rise of worker movement; German society at turn of century.								
A&S	HIST	<b>HIST</b>	<b>5681</b>	<b>Modern Germany in the 20th Century</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Germany on eve of WWI; military fiasco and creation of Weimar Republic; Weimar, Berlin, Munich, and Dresden; attempt to forge democracy; Third Reich and transformation of German society; WWII and Final Solution; Communist Germany and Federal Germany; two societies and two states since 1945; unified Germany since 1990.								
A&S	HIST	<b>HIST</b>	<b>5682</b>	<b>Nazi Germany</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Rise of Hitler to 1933; Hitler takeover; totalitarianization of Germany; Nazi foreign policy; WWII: Hitler's war on Jews; Hitler's fall; meaning of fascism.								
A&S	HIST	<b>HIST</b>	<b>5683</b>	<b>Germany between East and West since 1945</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR This course situates Germany in European history, and focuses on the political, social, and cultural history of Germany since 1945. After a brief overview of the Nazi regime, World War II, and the Holocaust, the course explores the Allied occupation of Germany, denazification, the Cold War division into West and East Germany, and each state's political, social, and diplomatic development. Themes explored include ideological developments, gender relations, generational change, labor migration, and the public memory of the Nazi past. West and East Germany are also explored within the context of the Western and Soviet Blocs in the Cold War. The course concludes with the revolutions of 1989, German reunification, and political and social developments from 1990 to the present								
A&S	HIST	<b>HIST</b>	<b>5715</b>	<b>Sex, Crime and Deviance in Europe, 1200-1800</b>	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	<b>HIST</b>	<b>5731</b>	<b>Balkan dreams and nightmares: Southeastern Europe from 1908 to the Present</b>	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	<b>HIST</b>	<b>5741</b>	<b>Origins of World War II, 1914-1941</b>	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	<b>HIST</b>	<b>5742</b>	<b>The Cold War, 1941-1989</b>	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.								

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A&S	HIST	<b>HIST</b>	<b>5750</b>	<b>World War I</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	<b>HIST</b>	<b>5770</b>	<b>History of Jewish Holocaust</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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.								
A&S	HIST	<b>HIST</b>	<b>5790</b>	<b>History of Sea Power</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	<b>HIST</b>	<b>5791</b>	<b>Britain and the World since 1970</b>	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	<b>HIST</b>	<b>5792</b>	<b>History of Secret Intelligence: Great Game to Five Eyes</b>	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.								
A&S	HIST	<b>HIST</b>	<b>5820</b>	<b>History of Russia</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	<b>HIST</b>	<b>5821</b>	<b>Russia: Road to Revolution 1825-1917</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	<b>HIST</b>	<b>5822</b>	<b>Soviet Union</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		Soviet Union since the 1917 Revolution. Stalinism, WWII and expansion, Krushchev, Brezhnev. Emphasis on internal affairs.								
A&S	HIST	<b>HIST</b>	<b>5823</b>	<b>The USSR in World War II</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		History of the Soviet Union during WWII. Topics include wartime diplomacy, espionage, social and political history of the USSR during the war, the creation of the communist states in Eastern Europe after the war, and the origins of the cold war.								

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A&S	HIST	<b>HIST</b>	<b>5831</b>	<b>Modern Poland: War, Revolution and Peace from 1905 to the Present</b>	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	<b>HIST</b>	<b>5840</b>	<b>Ethnic Cleansing in Modern European History</b>	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	<b>HIST</b>	<b>5860</b>	<b>Shakespeare's England, 1450-1603</b>	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	<b>HIST</b>	<b>5861</b>	<b>Revolutionary Britain, 1603-1702</b>	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.								
A&S	HIST	<b>HIST</b>	<b>5863</b>	<b>English History to 1688</b>	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	<b>HIST</b>	<b>5864</b>	<b>Making Modern Britain, 1702-1815</b>	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	<b>HIST</b>	<b>5865</b>	<b>Churchill's Britain</b>	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	<b>HIST</b>	<b>5866</b>	<b>Afghan Wars</b>	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.								

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A&S	HIST	<b>HIST</b>	<b>5867</b>	<b>British Empire in the 19th Century</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Examines sources, strategies, ideologies, and impact of the British Empire in the 19th- century. Evaluation of British imperialism from regional as well as metropolitan perspectives, giving particular emphasis to the imperial roots of globalization; how the use of technology and information interlocked the British Empire as a worldwide network of trade, investment, migration, and military power.								
A&S	HIST	<b>HIST</b>	<b>5868</b>	<b>British Empire in the 20th Century</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Evaluation of the fate of the British Empire in the 20th- century, focusing on the global impact as well as the process of decolonization. Topics include the question of imperial overstretch; development of the Commonwealth; India's independence; and Britain's withdrawal from its smaller dependencies in Africa, Asia, and the Middle East through the return of Hong Kong to China in 1997.								
A&S	HIST	<b>HIST</b>	<b>5870</b>	<b>European Intellectual and Cultural, 18th-20th-Centuries</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Intellectual and cultural trends from the Enlightenment to the beginning of the 20th- century. Themes include economic liberalism, philosophical liberalism, revolution, romanticism, nationalism, philosophy of history, Marxism, Nietzsche, racism, Antisemitism, Social Darwinism, interpretive sociology, and comparative history.								
A&S	HIST	<b>HIST</b>	<b>5871</b>	<b>European Intellectual and Cultural, 20th-Century</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	<b>HIST</b>	<b>5900</b>	<b>Special Topics in History</b>	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	<b>HIST</b>	<b>6000</b>	<b>Seminar in United States History</b>	Seminar	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Topics and research in U.S. history.								
A&S	HIST	<b>HIST</b>	<b>6100</b>	<b>Seminar in Latin American History</b>	Seminar	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Literature and source materials in Latin American History; readings and reports.								
A&S	HIST	<b>HIST</b>	<b>6300</b>	<b>Seminar in African History</b>	Seminar	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Research and scholarship in African history.								
A&S	HIST	<b>HIST</b>	<b>6400</b>	<b>Seminar: Southeast Asia</b>	Seminar	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Research and historiography of Southeast Asian history.								
A&S	HIST	<b>HIST</b>	<b>6500</b>	<b>Seminar in East Asian History</b>	Seminar	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Study and research in the history of East Asia								
A&S	HIST	<b>HIST</b>	<b>6600</b>	<b>Seminar in European History</b>	Seminar	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Research in European history.								

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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	<b>HIST</b>	<b>6700</b>	<b>Learning and Teaching World History for Graduate Students</b>	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	<b>HIST</b>	<b>6900</b>	<b>Special Topics in History</b>	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	<b>HIST</b>	<b>6901</b>	<b>Colloquium in United States History</b>	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	<b>HIST</b>	<b>6902</b>	<b>Colloquium in Latin American History</b>	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.								
A&S	HIST	<b>HIST</b>	<b>6903</b>	<b>Colloquium in European History</b>	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	<b>HIST</b>	<b>6904</b>	<b>Colloquium in the History of Southeast Asia</b>	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	<b>HIST</b>	<b>6905</b>	<b>Colloquium in Middle Eastern History</b>	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	<b>HIST</b>	<b>6906</b>	<b>Colloquium in African History</b>	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	<b>HIST</b>	<b>6907</b>	<b>Colloquium in East Asian History</b>	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	<b>HIST</b>	<b>6908</b>	<b>Colloquium in World History</b>	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.								

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A&S	HIST	<b>HIST</b>	<b>6930</b>	<b>Directed Study in History</b>	Ind Study	1 to 6	20		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		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	<b>HIST</b>	<b>6950</b>	<b>Thesis</b>	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	<b>HIST</b>	<b>8900</b>	<b>Special Topics in History</b>	Lecture	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.								
A&S	HIST	<b>HIST</b>	<b>8930</b>	<b>Independent Study</b>	Ind Study	1 to 15	20		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		Topic and content arranged between faculty member and student.								
A&S	HIST	<b>HIST</b>	<b>8950</b>	<b>Dissertation</b>	Thesis	1 to 16	200		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Writing of doctoral dissertation.								
A&S	HIST	<b>JS</b>	<b>1000</b>	<b>Introduction to Jewish Studies</b>	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.								
A&S	HIST	<b>JS</b>	<b>2100</b>	<b>History of Jewish Humor</b>	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 humor Jewish and Jewish humor American. We will probe the significance of the schlemiel, the schlimazel, and the schnorrer, and why these cultural archetypes which emerged centuries ago in Eastern Europe still have such resonance today.								
A&S	HIST	<b>JS</b>	<b>2900</b>	<b>Special Topics in Jewish Studies</b>	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.								
A&S	HIST	<b>T3</b>	<b>4070</b>	<b>Sin and Sex in Western Legal History</b>	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	<b>T3</b>	<b>4100</b>	<b>The Intellectual Origins of the American Revolution</b>	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	<b>T3</b>	<b>4101</b>	<b>The Enlightenment: Ireland, Scotland, England</b>	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	<b>T3</b>	<b>4101</b>	<b>The Enlightenment: Ireland, Scotland, England</b>	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.								



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A&S	HIST	<b>T3</b>	<b>4104</b>	<b>God and Science in the Western World</b>	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	<b>T3</b>	<b>4105</b>	<b>Folklore of Espionage</b>	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	<b>T3</b>	<b>4140</b>	<b>Slavery: 1400 to the present</b>	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	<b>T3</b>	<b>4160</b>	<b>Gender in the Renaissance</b>	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.								
A&S	HIST	<b>T3</b>	<b>4180</b>	<b>Disease, Medicine and Society in Europe to 1800</b>	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	<b>T3</b>	<b>4820</b>	<b>Art and History: 1950s and 1960s</b>	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.								

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A&S	INST	<b>MALA</b>	<b>3110</b>	<b>Advanced Malaysian I</b>	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	<b>MALA</b>	<b>3120</b>	<b>Advanced Malaysian II</b>	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	<b>MALA</b>	<b>3930</b>	<b>Independent Study-Malaysian</b>	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	<b>MALA</b>	<b>5310</b>	<b>Advanced Malaysian I</b>	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	<b>MALA</b>	<b>5320</b>	<b>Advanced Malaysian II</b>	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	<b>MALA</b>	<b>5930</b>	<b>Independent Study-Malaysian</b>	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	<b>ZULU</b>	<b>1110</b>	<b>Elementary Zulu I</b>	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	<b>ZULU</b>	<b>1120</b>	<b>Elementary Zulu II</b>	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	<b>ZULU</b>	<b>2110</b>	<b>Intermediate Zulu I</b>	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	<b>ZULU</b>	<b>2120</b>	<b>Intermediate Zulu II</b>	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	<b>ZULU</b>	<b>5110</b>	<b>Elementary Zulu I</b>	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 Zulu speakers.								
A&S	INST	<b>ZULU</b>	<b>5120</b>	<b>Elementary Zulu II</b>	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.								

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A&S	INST	<b>ZULU</b>	<b>5210</b>	<b>Intermediate Zulu I</b>	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	<b>ZULU</b>	<b>5220</b>	<b>Intermediate Zulu II</b>	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.								

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A&S	LING	<b>AGC</b>	<b>1300</b>	<b>Business Relations and Communication Skills</b>	Seminar	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>AGC</b>	<b>5100</b>	<b>Critical Reading and Analysis</b>	Seminar	3	15		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE:								
				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	<b>AGC</b>	<b>5120</b>	<b>Graduate Reading and Writing</b>	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE:								
				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	<b>AGC</b>	<b>5140</b>	<b>Academic Writing in Graduate Studies</b>	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE:								
				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	<b>AGC</b>	<b>5160</b>	<b>Writing for Research and Publication</b>	Seminar	3	15		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE:								
				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	<b>AGC</b>	<b>5180</b>	<b>Professional Writing in Public Administration</b>	Seminar	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE:								
				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	<b>AGC</b>	<b>5200</b>	<b>English Pronunciation</b>	Tutorial	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE:								
				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	<b>AGC</b>	<b>5220</b>	<b>Classroom Communication Skills for Teaching Assistants</b>	Seminar	3	9		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE:								
				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.								

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A&S	LING	<b>AGC</b>	<b>5300</b>	<b>Oral Communication in Graduate Studies</b>	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	<b>AGC</b>	<b>5320</b>	<b>Presenting in Research &amp; Professional Contexts</b>	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	<b>AGC</b>	<b>6000</b>	<b>Special Studies in Graduate Writing</b>	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	<b>AGC</b>	<b>6100</b>	<b>Special Studies in Oral Communication</b>	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	<b>AGC</b>	<b>6900</b>	<b>Special Topics in Academic Communication</b>	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	<b>ARAB</b>	<b>1110</b>	<b>Elementary Arabic I</b>	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	<b>ARAB</b>	<b>1120</b>	<b>Elementary Arabic II</b>	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	<b>ARAB</b>	<b>2110</b>	<b>Intermediate Arabic I</b>	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	<b>ARAB</b>	<b>2120</b>	<b>Intermediate Arabic II</b>	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	<b>ARAB</b>	<b>2900</b>	<b>Special Topics in Arabic</b>	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	<b>ARAB</b>	<b>3990</b>	<b>Special Studies in Arabic</b>	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	<b>ARAB</b>	<b>4900</b>	<b>Special Topics in Arabic</b>	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	<b>ARAB</b>	<b>5110</b>	<b>Elementary Arabic I</b>	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.								

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A&S	LING	<b>ARAB</b>	<b>5120</b>	<b>Elementary Arabic II</b>	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	<b>ARAB</b>	<b>5210</b>	<b>Intermediate Arabic I</b>	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	<b>ARAB</b>	<b>5220</b>	<b>Intermediate Arabic II</b>	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	<b>ARAB</b>	<b>5900</b>	<b>Special Topics in Arabic</b>	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	<b>ARAB</b>	<b>5990</b>	<b>Special Studies in Arabic</b>	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	<b>CHIN</b>	<b>1110</b>	<b>Elementary Chinese I</b>	Lecture	4	0	2CP	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Study of spoken and written Mandarin.								
A&S	LING	<b>CHIN</b>	<b>1120</b>	<b>Elementary Chinese II</b>	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	<b>CHIN</b>	<b>2110</b>	<b>Intermediate Chinese I</b>	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	<b>CHIN</b>	<b>2120</b>	<b>Intermediate Chinese II</b>	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	<b>CHIN</b>	<b>2900</b>	<b>Special Topics in Chinese</b>	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	<b>CHIN</b>	<b>3100</b>	<b>Chinese Language and Culture: Preparing for Summer Study in China</b>	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	<b>CHIN</b>	<b>3110</b>	<b>Advanced Chinese I</b>	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	<b>CHIN</b>	<b>3120</b>	<b>Advanced Chinese II</b>	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.								

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A&S	LING	<b>CHIN</b>	<b>3990</b>	<b>Special Studies in Chinese</b>	Lecture	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		Reading and discussion of arranged assignments in books, periodicals, and tapes on specific topics related to Chinese language and culture.								
A&S	LING	<b>CHIN</b>	<b>4110</b>	<b>Advanced Reading and Conversation</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHIN 3120								
		COURSE DESC:		Designed to meet the needs and demands of students who have completed the third year Chinese language courses yet who still would like to continue with their studies on Chinese language and culture Will significantly enhance students' Chinese proficiency level with authentic materials in different cultural settings.								
A&S	LING	<b>CHIN</b>	<b>4120</b>	<b>Advanced Chinese: Myth and Traditional Values</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHIN 4110								
		COURSE DESC:		Continues the 4th year Chinese language series to meet the needs and demands of students who have completed the third year Chinese language courses yet who still would like to continue with their studies on Chinese language and culture. Will significantly enhance students' Chinese proficiency level with authentic materials in different cultural settings.								
A&S	LING	<b>CHIN</b>	<b>4900</b>	<b>Special Topics in Chinese</b>	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	<b>CHIN</b>	<b>5100</b>	<b>Chinese Language and Culture: Preparing for Summer Study in China</b>	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHIN 5120								
		COURSE DESC:		Designed to prepare students for participation in the OU summer study abroad program and the direct enrollment program in Beijing, China, both at the Beijing Language and Culture University.								
A&S	LING	<b>CHIN</b>	<b>5110</b>	<b>Elementary Chinese I</b>	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:								
		COURSE DESC:		CR Study of spoken and written Mandarin.								
A&S	LING	<b>CHIN</b>	<b>5120</b>	<b>Elementary Chinese II</b>	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CHIN 5110								
		COURSE DESC:		CR Study of spoken and written Mandarin.								
A&S	LING	<b>CHIN</b>	<b>5210</b>	<b>Intermediate Chinese I</b>	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CHIN 5120								
		COURSE DESC:		CR First course of two-semester intermediate-level sequence.								
A&S	LING	<b>CHIN</b>	<b>5220</b>	<b>Intermediate Chinese II</b>	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CHIN 5210								
		COURSE DESC:		CR Second course of two-semester intermediate-level sequence.								
A&S	LING	<b>CHIN</b>	<b>5310</b>	<b>Advanced Chinese I</b>	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CHIN 5220								
		COURSE DESC:		CR First course of an advanced two-course third-year sequence.								
A&S	LING	<b>CHIN</b>	<b>5320</b>	<b>Advanced Chinese II</b>	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CHIN 5310								
		COURSE DESC:		CR Second course of an advanced two-course third-year sequence.								

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A&S	LING	<b>CHIN</b>	<b>5410</b>	<b>Advanced Reading and Conversation</b>	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CHIN 5320 CR								
		COURSE DESC:		Designed to meet the needs and demands of students who have completed the third year Chinese language courses yet who still would like to continue with their studies on Chinese language and culture. Will significantly enhance students' Chinese proficiency level with authentic materials in different cultural settings.								
A&S	LING	<b>CHIN</b>	<b>5420</b>	<b>Advanced Chinese: Myth and Traditional Values</b>	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CHIN 5320 CR								
		COURSE DESC:		Continues the 4th year Chinese language series to meet the needs and demands of students who have completed the third year Chinese language courses yet who still would like to continue with their studies on Chinese language and culture. Will significantly enhance students' Chinese proficiency level with authentic materials in different cultural settings.								
A&S	LING	<b>CHIN</b>	<b>5900</b>	<b>Special Topics in Chinese</b>	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	<b>CHIN</b>	<b>5990</b>	<b>Special Studies</b>	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	<b>ILL</b>	<b>3400</b>	<b>Traditional Literature of Southeast Asia</b>	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	<b>ILL</b>	<b>3450</b>	<b>Modern Literature of South East Asia</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Course description not available.								
A&S	LING	<b>ILL</b>	<b>3890</b>	<b>Women in Chinese Literature</b>	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	<b>ILL</b>	<b>4900</b>	<b>Special Topics in International Literature - Linguistics</b>	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	<b>ILL</b>	<b>5890</b>	<b>Women in Chinese Literature</b>	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	<b>ILL</b>	<b>5900</b>	<b>Special Topics in International Literature - Linguistics</b>	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	<b>JPC</b>	<b>2500</b>	<b>Introduction to Japanese Culture</b>	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	<b>JPC</b>	<b>2900</b>	<b>Special Topics in Japanese Culture</b>	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:								
		COURSE DESC:		CR Specific course content will vary with offering.								



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A&S	LING	<b>JPC</b>	<b>3100</b>	<b>Field Study in Japan</b>	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	<b>JPC</b>	<b>4500</b>	<b>Japan:A Sociocultural Interpretation</b>	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	<b>JPC</b>	<b>4900</b>	<b>Special Topics in Japanese Culture</b>	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	<b>JPC</b>	<b>5100</b>	<b>Field Study in Japan</b>	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	<b>JPC</b>	<b>5500</b>	<b>Japan: A Sociocultural Interpretation</b>	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	<b>JPC</b>	<b>5900</b>	<b>Special Topics in Japanese Culture</b>	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	<b>JPN</b>	<b>1110</b>	<b>Elementary Japanese I</b>	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	<b>JPN</b>	<b>1120</b>	<b>Elementary Japanese II</b>	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	<b>JPN</b>	<b>2110</b>	<b>Intermediate Japanese I</b>	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	<b>JPN</b>	<b>2120</b>	<b>Intermediate Japanese II</b>	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	<b>JPN</b>	<b>2900</b>	<b>Special Topics in Japanese Language</b>	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	<b>JPN</b>	<b>3110</b>	<b>Advanced Japanese I</b>	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.								

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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	<b>JPN</b>	<b>3120</b>	<b>Advanced Japanese II</b>	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	<b>JPN</b>	<b>3380</b>	<b>Spoken Japanese I</b>	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	<b>JPN</b>	<b>3390</b>	<b>Spoken Japanese II</b>	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	<b>JPN</b>	<b>3410</b>	<b>Business Japanese I</b>	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	<b>JPN</b>	<b>3480</b>	<b>Readings in Japanese Culture I</b>	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	<b>JPN</b>	<b>3490</b>	<b>Readings in Japanese Culture II</b>	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	<b>JPN</b>	<b>3990</b>	<b>Special Studies in Japanese</b>	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	<b>JPN</b>	<b>4110</b>	<b>Fourth-Year Japanese I</b>	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	<b>JPN</b>	<b>4120</b>	<b>Fourth-Year Japanese II</b>	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	<b>JPN</b>	<b>4900</b>	<b>Special Topics in Japanese Language</b>	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	<b>JPN</b>	<b>5110</b>	<b>Elementary Japanese I</b>	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	<b>JPN</b>	<b>5120</b>	<b>Elementary Japanese II</b>	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.								

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A&S	LING	<b>JPN</b>	<b>5210</b>	<b>Intermediate Japanese I</b>	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	<b>JPN</b>	<b>5220</b>	<b>Intermediate Japanese II</b>	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	<b>JPN</b>	<b>5310</b>	<b>Advanced Japanese I</b>	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	<b>JPN</b>	<b>5320</b>	<b>Advanced Japanese II</b>	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	<b>JPN</b>	<b>5380</b>	<b>Spoken Japanese I</b>	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	<b>JPN</b>	<b>5390</b>	<b>Spoken Japanese II</b>	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	<b>JPN</b>	<b>5410</b>	<b>Business Japanese I</b>	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	<b>JPN</b>	<b>5440</b>	<b>Fourth-Year Japanese I</b>	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	<b>JPN</b>	<b>5450</b>	<b>Fourth-Year Japanese II</b>	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	<b>JPN</b>	<b>5480</b>	<b>Readings in Japanese Culture I</b>	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	<b>JPN</b>	<b>5490</b>	<b>Readings in Japanese Culture II</b>	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	<b>JPN</b>	<b>5900</b>	<b>Special Topics in Japanese Language</b>	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.								

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A&S	LING	<b>JPN</b>	<b>5990</b>	<b>Special Studies</b>	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	<b>LING</b>	<b>1000</b>	<b>An Introduction to the Non-Indo-European Languages and Cultures of Africa and Asia</b>	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	<b>LING</b>	<b>1010</b>	<b>Grammar in Language Learning and Teaching</b>	Lecture	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:								
		COURSE DESC:		This self-paced online course will provide a basic introduction to English grammar in language learning and language teaching.								
A&S	LING	<b>LING</b>	<b>2700</b>	<b>The Nature of Language</b>	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	<b>LING</b>	<b>2750</b>	<b>Introduction to Language and Culture</b>	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	<b>LING</b>	<b>2800</b>	<b>Language in America</b>	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	<b>LING</b>	<b>2850</b>	<b>Sustaining the Mother Tongue: An Introduction to Language Endangerment and Language Revitalization</b>	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	<b>LING</b>	<b>2860</b>	<b>Introduction to Language and Technology</b>	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	<b>LING</b>	<b>2900</b>	<b>Special Topics in Linguistics</b>	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	<b>LING</b>	<b>3500</b>	<b>Introduction to Linguistics</b>	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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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	<b>LING</b>	<b>3800</b>	<b>Introduction to Psycholinguistics</b>	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	<b>LING</b>	<b>3880</b>	<b>Special Topics in Applied Linguistics</b>	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	<b>LING</b>	<b>3900</b>	<b>Language and Gender</b>	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	<b>LING</b>	<b>4150</b>	<b>Audio, Video and Multimedia in Language Learning</b>	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	<b>LING</b>	<b>4160</b>	<b>Designing Advanced Interactive Computer Assisted Language Learning Materials</b>	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	<b>LING</b>	<b>4400</b>	<b>Forensic Linguistics</b>	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	<b>LING</b>	<b>4510</b>	<b>Computers for Language Teaching I</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 3500								
		COURSE DESC:		First class of the CALL Series and is the required class for all master's linguistics students. Provides background on the history of CALL, as well as current trends in the field. Students will explore a variety of theoretical and practical topics related to CALL. They will also learn to create, edit, and distribute instructional materials.								
A&S	LING	<b>LING</b>	<b>4520</b>	<b>Computers in Language Teaching II</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 4510								
		COURSE DESC:		Second class expands upon the theory and materials creation of 551. Primary focus is placed upon the creation, use, and distribution of current technologies for language teaching. Among the topics in this class are Javascript, Hot potatoes, multimedia, and Course Management Systems. Students will create, edit, and distribute instructional materials. They will also each create a customized course using a CMS (Course Management System), such as Moodle.								
A&S	LING	<b>LING</b>	<b>4600</b>	<b>Introduction to Phonetics</b>	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	<b>LING</b>	<b>4610</b>	<b>Introduction to Phonology and Morphology</b>	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	<b>LING</b>	<b>4700</b>	<b>Syntactic Description of English</b>	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	<b>LING</b>	<b>4701</b>	<b>Grammar and Syntax</b>	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.								

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A&S	LING	<b>LING</b>	<b>4750</b>	<b>Language Learning</b>	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	<b>LING</b>	<b>4800</b>	<b>Methods and Materials in TEFL</b>	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	<b>LING</b>	<b>4820</b>	<b>Introduction to English for Specific Purposes</b>	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	<b>LING</b>	<b>4830</b>	<b>Assessing Language Abilities</b>	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	<b>LING</b>	<b>4840</b>	<b>Documenting and Evaluating Language Variety and Development</b>	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	<b>LING</b>	<b>4850</b>	<b>Historical Linguistics</b>	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	<b>LING</b>	<b>4860</b>	<b>Introduction to Semantics and Pragmatics</b>	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	<b>LING</b>	<b>4870</b>	<b>Introduction to Research Methods in Applied Linguistics</b>	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	<b>LING</b>	<b>4900</b>	<b>Special Topics in Linguistics</b>	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	<b>LING</b>	<b>4901</b>	<b>Sociolinguistics and Bilingualism</b>	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	<b>LING</b>	<b>4912</b>	<b>Internship in TESOL</b>	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	<b>LING</b>	<b>4920</b>	<b>English as a Second Language Teaching Practicum</b>	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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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	LING	<b>LING</b>	<b>4921</b>	<b>CALL Teaching Practicum</b>	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	<b>LING</b>	<b>4940</b>	<b>Research Experience in Linguistics</b>	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	<b>LING</b>	<b>4941</b>	<b>Directed Research in Linguistics</b>	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	<b>LING</b>	<b>4990</b>	<b>Special Studies in Linguistics</b>	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	<b>LING</b>	<b>5010</b>	<b>Grammar in Language Learning and Teaching</b>	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	<b>LING</b>	<b>5150</b>	<b>Distributed Learning Courseware - Basics</b>	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	<b>LING</b>	<b>5150</b>	<b>Distributed Learning Courseware - Basics</b>	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	<b>LING</b>	<b>5160</b>	<b>Distributed Learning Courseware - Interactive Design</b>	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	<b>LING</b>	<b>5400</b>	<b>Forensic Linguistics</b>	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	<b>LING</b>	<b>5500</b>	<b>Introduction to Linguistics</b>	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	<b>LING</b>	<b>5510</b>	<b>Computers in Language Teaching I</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 5500 or concurrent or Linguistics major								
		COURSE DESC:		First class of the CALL Series and is the required class for all master's linguistics students. Provides background on the history of CALL, as well as current trends in the field. Students will explore a variety of theoretical and practical topics related to CALL. They will also learn to create, edit, and distribute instructional materials.								
A&S	LING	<b>LING</b>	<b>5520</b>	<b>Computers in Language Teaching II</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: LING 5510								
		COURSE DESC:		Second class expands upon the theory and materials creation of 5510. Primary focus is placed upon the creation, use, and distribution of current technologies for language teaching. Among the topics in this class are Javascript, Hot Potatoes, Multimedia, and Course Management Systems. Students will create, edit, and distribute instructional materials. They will also each create a customized course using a CMS (Course Management System), such as Moodle.								

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A&S	LING	<b>LING</b>	<b>5600</b>	<b>Introduction to Phonetics</b> 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	<b>LING</b>	<b>5610</b>	<b>Introduction to Phonology and Morphology</b> GEC1: A-F REQUISITE: Introductory course in analysis of sound systems of natural languages.	Lecture	4	0		N	G40		0
A&S	LING	<b>LING</b>	<b>5700</b>	<b>Syntactic Description of English</b> 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	<b>LING</b>	<b>5701</b>	<b>Grammar and Syntax</b> GEC1: A-F REQUISITE: Familiarizes students with philosophical foundations and theoretical argumentation of Chomskyan generative grammar known as the Principles and Parameters Approach. The approach is explanatory as well as descriptive. Students learn how to develop theoretical hypotheses to account for syntactic phenomena and how to improve the accounts by continuous testing and revision of the hypotheses.	Lecture	4	0		N	G40		0
A&S	LING	<b>LING</b>	<b>5750</b>	<b>Language Learning</b> 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	<b>LING</b>	<b>5760</b>	<b>Second Language Acquisition Research and Theory</b> GEC1: A-F REQUISITE: Research and theories of second language acquisition.	Lecture	4	0		N	G40		0
A&S	LING	<b>LING</b>	<b>5780</b>	<b>Introduction to Psycholinguistics</b> GEC1: A-F REQUISITE: Study of linguistic behavior and psychological mechanisms responsible for it.	Lecture	4	0		N	G40		0
A&S	LING	<b>LING</b>	<b>5800</b>	<b>Methods and Materials in TEFL</b> 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	<b>LING</b>	<b>5820</b>	<b>Introduction to English for Specific Purposes</b> 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	<b>LING</b>	<b>5830</b>	<b>Assesing Language Abilities: Proseminar in TEFL Testing</b> 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	<b>LING</b>	<b>5850</b>	<b>Historical Linguistics</b> 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	<b>LING</b>	<b>5860</b>	<b>Introduction to Semantics and Pragmatics</b> 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
A&S	LING	<b>LING</b>	<b>5870</b>	<b>Introduction to Research Methods in Applied Linguistics</b> GEC1: A-F REQUISITE: (LING 5500 or concurrent) or Linguistics major 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.	Lecture	4	0		N	G40		0



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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	<b>LING</b>	<b>5880</b>	<b>Special Topics in Applied Linguistics</b>	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	<b>LING</b>	<b>5900</b>	<b>Special Topics in Linguistics</b>	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	<b>LING</b>	<b>5901</b>	<b>Sociolinguistics and Bilingualism</b>	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	<b>LING</b>	<b>5912</b>	<b>Internship in TESOL</b>	Internship	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission required						
				PR, F								
		COURSE DESC:		Practice in ESL teaching, instructional support, and/or program administration.								
A&S	LING	<b>LING</b>	<b>5920</b>	<b>Language Teaching Practicum</b>	Practicum	2	4		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	LING 5800 or concurrent						
				PR, F								
		COURSE DESC:		Supervised graduate student teaching. Required twice for all M.A.--TESOL majors and all teaching associates.								
A&S	LING	<b>LING</b>	<b>5921</b>	<b>CALL Teaching Practicum</b>	Practicum	2	4		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	LING 5510						
				PR, F								
		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	<b>LING</b>	<b>5922</b>	<b>Practicum in Teaching Foreign Languages</b>	Practicum	1	6		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission required						
				PR, F								
		COURSE DESC:		Provides pedagogical support to Linguistics TAs teaching Chinese, Japanese, Swahili, Arabic, English as a Second language and other languages taught in the Linguistics department.								
A&S	LING	<b>LING</b>	<b>5923</b>	<b>Teaching Linguistics</b>	Practicum	1	6		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission required						
				PR, F								
		COURSE DESC:		Provides pedagogical support to Linguistics TAs teaching Linguistics courses especially LING2700 and LING3500								
A&S	LING	<b>LING</b>	<b>5940</b>	<b>Research Experience in Linguistics</b>	Research	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
				PR, F								
		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	<b>LING</b>	<b>6000</b>	<b>Studies in Linguistics</b>	Tutorial	1 to 4	999		I	G40		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Permission required						
				CR								
		COURSE DESC:		Directed individual investigation of particular area of interest in linguistics.								
A&S	LING	<b>LING</b>	<b>6090</b>	<b>Colloquium in Linguistics</b>	Seminar	1	4		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
				PR, F								
		COURSE DESC:		Regularly scheduled lectures on topics related to theoretical and applied linguistics.								
A&S	LING	<b>LING</b>	<b>6610</b>	<b>Phonological Structures of English</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Introduction to pedagogical issues related to the teaching of listening and speaking in ESL/EFL settings.								
A&S	LING	<b>LING</b>	<b>6710</b>	<b>Grammar in use</b>	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.								

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A&S	LING	LING	6850	<b>An Introduction to the Teaching of Second Language Reading and Writing</b> GEC1: A-F REQUISITE: LING 5800 Theories and applications of reading and writing research.	Lecture	4	0		N	G40		0
A&S	LING	LING	6900	<b>Special Topics in Linguistics</b> GEC4: A-F, REQUISITE: CR, PR Specific course content will vary with offering.	Lecture	1 to 15	999		N	G40		0
A&S	LING	LING	6950	<b>Thesis</b> GEC4: A-F, REQUISITE: Permission required CR, PR Advanced research culminating in thesis.	Thesis	4	8		I	G40		0
A&S	LING	LING	6970	<b>Linguistics Graduate Capstone: Culminating Experience Professional Portfolio Seminar</b> GEC6: CR, REQUISITE: PR, F 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.	Seminar	1	0		N	G40		0
A&S	LING	SWAH	1110	<b>Elementary Swahili I</b> GEC1: A-F REQUISITE: 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.	Lecture	4	0	2CP	N	U10		0
A&S	LING	SWAH	1120	<b>Elementary Swahili II</b> GEC1: A-F REQUISITE: SWAH 1110 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.	Lecture	4	0	2CP	N	U10		0
A&S	LING	SWAH	2110	<b>Intermediate Swahili</b> GEC1: A-F REQUISITE: SWAH 1120 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.	Lecture	4	0	2CP	N	U30		0
A&S	LING	SWAH	2120	<b>Intermediate Swahili II</b> GEC1: A-F 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.	Lecture	4	0	2CP	N	U30		0

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A&S	LING	<b>SWAH</b>	<b>2900</b>	<b>Special Topics in Swahili</b>	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	<b>SWAH</b>	<b>3110</b>	<b>Advanced Swahili I</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SWAH 2120								
		COURSE DESC:		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	<b>SWAH</b>	<b>3120</b>	<b>Advanced Swahili 2</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SWAH 3110								
		COURSE DESC:		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	<b>SWAH</b>	<b>3990</b>	<b>Special Studies in Swahili</b>	Lecture	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		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	<b>SWAH</b>	<b>4900</b>	<b>Special Topics in Swahili</b>	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	<b>SWAH</b>	<b>5110</b>	<b>Elementary Swahili I</b>	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		This course introduces learners to Swahili vocabulary and grammar. These are used as the foundation for promoting the four skills of reading, writing, listening and speaking. Emphasis will be on promoting the learners' ability to express themselves, describe their daily experiences and engage in basic conversations. Although East African texts (reading passages, music and poems) will be used to promote learners' understanding and appreciation of Swahili language and culture, non East African texts in Swahili might be sparingly used to achieve certain objectives. While the main focus of the course will be on enriching the students understanding of African culture through the learning of Swahili, students are expected to relate the Swahili culture with their everyday experiences. Learners will be involved in a semester long portfolio project comprised of biographical information about their everyday activities, or activities of other people, whether actual or fictional with an intention of applying all aspects of the materials covered in class. Specific information on this will be provided in the syllabus.								
A&S	LING	<b>SWAH</b>	<b>5120</b>	<b>Elementary Swahili II</b>	Lecture	1 to 4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: SWAH 5110								
		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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>SWAH</b>	<b>5210</b>	<b>Intermediate Swahili I</b>	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	<b>SWAH</b>	<b>5220</b>	<b>Intermediate Swahili II</b>	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	<b>SWAH</b>	<b>5310</b>	<b>Advanced Swahili I</b>	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	<b>SWAH</b>	<b>5320</b>	<b>Advanced Swahili III</b>	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	<b>SWAH</b>	<b>5900</b>	<b>Special Topics in Swahili</b>	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	<b>SWAH</b>	<b>5990</b>	<b>Special Studies in Swahili</b>	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 knowledge of a specific topic or area in the language. There might be circumstances where student who have only had two years of Swahili would be allowed to enroll in the course. Ou students with a previous background in Swahili are also eligible to enroll in this course. The student who wishes to enroll in this course must come up with a topic, plan, and goals. Students work on their own and only meet with the instructor once a week.								
A&S	LING	<b>T3</b>	<b>4830</b>	<b>Language, Culture and Sport</b>	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	<b>MATH</b>	<b>D003</b>	<b>Elementary Algebra</b>	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	<b>MATH</b>	<b>D004</b>	<b>Intermediate Algebra with PreAlgebra</b>	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	<b>MATH</b>	<b>D005</b>	<b>Intermediate Algebra</b>	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	<b>MATH</b>	<b>D300</b>	<b>Peer-Led Team Learning Laboratory for Pre-Calculus</b>	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	<b>MATH</b>	<b>D301</b>	<b>Peer-Led Team Learning Laboratory for Calculus I</b>	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	<b>MATH</b>	<b>1060</b>	<b>Quantitative Reasoning</b>	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) and Warning: No credit if Math 1250 or higher						
		COURSE DESC:		This course develops critical thinking and problem solving skills in a variety of mathematical and quantitative contexts including real life situations. The course focuses on framing real-life problems mathematically and quantitatively and then using logical and quantitative techniques, such as linear and exponential growth modeling and statistical literacy, to make predictions and decisions and to solve these problems. Not recommended for students with majors in STEM areas. No credit if Math 1250 or any higher have been completed. Cannot be used for College of Arts and Science requirements.								
A&S	MATH	<b>MATH</b>	<b>1060L</b>	<b>Support for Quantitative Reasoning</b>	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	<b>MATH</b>	<b>1090</b>	<b>Consumer Mathematics</b>	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.								

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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	<b>MATH</b>	<b>1101</b>	<b>Elementary Topics in Mathematics I</b>	Lecture	4	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) and (education or prim early childhood major)								
		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	<b>MATH</b>	<b>1102</b>	<b>Elementary Topics in Mathematics II</b>	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	<b>MATH</b>	<b>1200</b>	<b>College Algebra</b>	Lecture	4	0	1M; FQR	N	U10	CCE	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MATH D005 or MATH 102 or MATH D004 or Math Placement Level 1 or higher WARNING: No credit for this course and MATH 1321 (first course taken deducted). No credit if the student has credit for MATH 2301, 2302, or higher than 2500.								
		COURSE DESC:		Equations, functions and graphs, including linear equations and systems, polynomials, rational and radical expressions, quadratic equations, exponential and logarithmic functions, and inequalities. Students who will not need MATH 1200 for their intended majors or as a prerequisite for other classes should consider MATH 1090, MATH 1250, MATH 1260, or another Tier I quantitative skills course instead. No credit for both this course and MATH 1321 (first course taken deducted). No credit if the student has credit for MATH 2301, 2302, or higher than 2500.								
A&S	MATH	<b>MATH</b>	<b>1200L</b>	<b>College Algebra Essentials</b>	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: MATH 1200 concurrent and permission PR, F								
		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	<b>MATH</b>	<b>1250</b>	<b>Introductory Game Theory</b>	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	<b>MATH</b>	<b>1260</b>	<b>Finite Mathematics</b>	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	<b>MATH</b>	<b>1300</b>	<b>Pre-Calculus</b>	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	<b>MATH</b>	<b>1321</b>	<b>Elementary Applied Mathematics I</b>	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.								

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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	<b>MATH</b>	<b>1322</b>	<b>Elementary Applied Mathematics II</b>	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	<b>MATH</b>	<b>1350</b>	<b>Survey of Calculus</b>	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	<b>MATH</b>	<b>1500</b>	<b>Introductory Statistics</b>	Lecture	3	0	1M; FQR	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MATH placement level 1 or MATH D004 or MATH D005 and no credit if taken after COMS 3520, ECON 3810, 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).								
A&S	MATH	<b>MATH</b>	<b>1500L</b>	<b>Introductory Statistics Essentials</b>	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	<b>MATH</b>	<b>2110</b>	<b>Introductory Geometry for Middle School Teachers</b>	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	<b>MATH</b>	<b>2301</b>	<b>Calculus I</b>	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	<b>MATH</b>	<b>2301</b>	<b>Calculus I</b>	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	<b>MATH</b>	<b>2301A</b>	<b>Honors Experience: Calculus I</b>	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								

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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	<b>MATH</b>	<b>2302</b>	<b>Calculus II</b>	Lecture	4	0	2AS; FQR	N	U30	CCE, CORESPOND	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	<b>MATH</b>	<b>2302</b>	<b>Calculus II</b>	Recitation	4	0	2AS; FQR	N	U30	CCE, CORESPOND	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	<b>MATH</b>	<b>2302A</b>	<b>Honors Experience: Calculus II</b>	Ind Study	0	0		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F,				REQUISITE: MATH 2302 concurrently and Ohio Honors student NC				
		COURSE DESC:		Ohio Honors curricular experience in Calculus II								
A&S	MATH	<b>MATH</b>	<b>2500</b>	<b>Statistics and Probability</b>	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 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	<b>MATH</b>	<b>2500A</b>	<b>Honors Experience in Introduction to Statistics</b>	Ind Study	0	0		N	U10		0
		ELIGIBLE GRADES:		GEC7: CR, F,				REQUISITE: Ohio Honors student and MATH 2500 concurrently NC				
		COURSE DESC:		OHIO Honors curricular experience in Introduction to Statistics								
A&S	MATH	<b>MATH</b>	<b>2530X</b>	<b>Foundations of Data Science</b>	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	<b>MATH</b>	<b>2530X</b>	<b>Foundations of Data Science</b>	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	<b>MATH</b>	<b>2900</b>	<b>Special Topics in Mathematics</b>	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	<b>MATH</b>	<b>2970T</b>	<b>Mathematics Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,				REQUISITE: HTC CR, PR				
		COURSE DESC:		Special course for students in the HTC math program, taken during the Fall Semester by first year students.								
A&S	MATH	<b>MATH</b>	<b>2971T</b>	<b>Mathematics Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,				REQUISITE: HTC CR, PR				
		COURSE DESC:		Special course for students enrolled in the HTC, taken in the Fall Semester by 2nd year students.								
A&S	MATH	<b>MATH</b>	<b>2980T</b>	<b>Mathematics Tutorial</b>	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 of the first year.								



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A&S	MATH	<b>MATH</b>	<b>2981T</b>	<b>Mathematics Tutorial</b>	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	<b>MATH</b>	<b>3000</b>	<b>History of Mathematics</b>	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	<b>MATH</b>	<b>3050</b>	<b>Discrete Mathematics</b>	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	<b>MATH</b>	<b>3060</b>	<b>Introduction to Mathematical Reasoning, Problem Solving, and Proof</b>	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	<b>MATH</b>	<b>3070</b>	<b>Introduction to Number Theory</b>	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	<b>MATH</b>	<b>3110</b>	<b>College Geometry</b>	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	<b>MATH</b>	<b>3200</b>	<b>Applied Linear Algebra</b>	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	<b>MATH</b>	<b>3200A</b>	<b>Honors Experience in Applied Linear Algebra</b>	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	<b>MATH</b>	<b>3210</b>	<b>Linear Algebra</b>	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	<b>MATH</b>	<b>3240</b>	<b>Abstract Algebra</b>	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	<b>MATH</b>	<b>3300</b>	<b>Calculus III</b>	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	<b>MATH</b>	<b>3300</b>	<b>Calculus III</b>	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.								

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A&S	MATH	<b>MATH</b>	<b>3320</b>	<b>Vector Analysis</b>	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	<b>MATH</b>	<b>3400</b>	<b>Elementary Differential Equations</b>	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	<b>MATH</b>	<b>3400A</b>	<b>Honors Experience: Elementary Differential Equations</b>	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	<b>MATH</b>	<b>3500</b>	<b>Probability</b>	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	<b>MATH</b>	<b>3505X</b>	<b>Applied Linear Models</b>	Lecture	3	0		N			0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ECON 3810, EE 3713, GEOG 2710, GEOL 3050, ISE 3040 or 3200, MATH 2500, PBIO 3150, PSY 2110, QBA 2010						
		COURSE DESC:		The course prepares students to apply several statistical modeling tools in order to draw conclusions on scientific experiments and observational studies. Topics include comparing two population means or proportions, matched pairs comparisons, simple and multivariate linear regression, predictions and simultaneous predictive confidence intervals, categorical data analysis, contingency tables and logistic regression (optional), analysis of variance and simultaneous confidence intervals, distribution-free methods, the rank-sum test, the sign test and the signed-rank test. These topics are implemented using standard statistical software.								
A&S	MATH	<b>MATH</b>	<b>3560</b>	<b>Theory of Interest</b>	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	<b>MATH</b>	<b>3600</b>	<b>Applied Numerical Methods</b>	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	<b>MATH</b>	<b>3680</b>	<b>Quantitative Foundations for Bioinformatics</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	BIOS 1700 or EE 3713 or MATH 2500 or PBIO 3150 or (PBIO 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	<b>MATH</b>	<b>3970T</b>	<b>Mathematics Tutorial</b>	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 Fall Semester by 3rd year students.								
A&S	MATH	<b>MATH</b>	<b>3980T</b>	<b>Mathematics Tutorial</b>	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 of the 3rd year.								
A&S	MATH	<b>MATH</b>	<b>4100</b>	<b>Teaching of Mathematics in Secondary School</b>	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	<b>MATH</b>	<b>4100L</b>	<b>Teaching of Mathematics in Secondary School Early Field Experience</b>	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.								

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A&S	MATH	<b>MATH</b>	<b>4150</b>	<b>Advanced Perspectives for Math Teachers</b>	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	<b>MATH</b>	<b>4221</b>	<b>Modern Algebra I</b>	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	<b>MATH</b>	<b>4222</b>	<b>Modern Algebra II</b>	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	<b>MATH</b>	<b>4230</b>	<b>Introduction to Algebraic Coding Theory</b>	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	<b>MATH</b>	<b>4301</b>	<b>Advanced Calculus I</b>	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	<b>MATH</b>	<b>4302</b>	<b>Advanced Calculus II</b>	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	<b>MATH</b>	<b>4310</b>	<b>Complex Variables</b>	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	<b>MATH</b>	<b>4330</b>	<b>Hilbert Spaces and Applications</b>	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	<b>MATH</b>	<b>4400</b>	<b>Advanced Differential Equations</b>	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	<b>MATH</b>	<b>4410</b>	<b>Fourier Analysis and Partial Differential Equations</b>	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	<b>MATH</b>	<b>4470</b>	<b>Applied Dynamical Systems</b>	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	<b>MATH</b>	<b>4500</b>	<b>Theory of Statistics</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 3300 and 3500 and (3200 or 3210)								
		COURSE DESC:		Probability distributions of one and several variables, sampling theory, estimation of parameters, confidence intervals, analysis of variance, correlation, and testing of statistical hypotheses.								
A&S	MATH	<b>MATH</b>	<b>4510</b>	<b>Applied Statistics</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 4500								
		COURSE DESC:		Applications of the theory of statistics, including hypotheses testing, regression and correlation analysis, experimental design, and nonparametric statistics.								
A&S	MATH	<b>MATH</b>	<b>4520</b>	<b>Stochastic Processes</b>	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.								

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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	<b>MATH</b>	<b>4530</b>	<b>Statistical Computing</b>	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	<b>MATH</b>	<b>4550</b>	<b>Basic Principles of Actuarial Science</b>	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	<b>MATH</b>	<b>4560</b>	<b>Life Contingencies</b>	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	<b>MATH</b>	<b>4570X</b>	<b>Investment and Financial Markets</b>	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	<b>MATH</b>	<b>4590X</b>	<b>Short Term Actuarial Models</b>	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	<b>MATH</b>	<b>4600</b>	<b>Introduction to Numerical Analysis</b>	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	<b>MATH</b>	<b>4610</b>	<b>Introduction to Waves and Wavelets with Applications</b>	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	<b>MATH</b>	<b>4620</b>	<b>Linear and Nonlinear Optimization</b>	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	<b>MATH</b>	<b>4630</b>	<b>Discrete Modeling and Optimization</b>	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	<b>MATH</b>	<b>4700</b>	<b>Introduction to Topology</b>	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	<b>MATH</b>	<b>4900</b>	<b>Special Topics in Mathematics</b>	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	<b>MATH</b>	<b>4930</b>	<b>Studies in Mathematics</b>	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	<b>MATH</b>	<b>4940</b>	<b>Mathematics Research</b>	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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A&S	MATH	<b>MATH</b>	<b>4970T</b>	<b>Mathematics Tutorial (thesis)</b>	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	<b>MATH</b>	<b>4980T</b>	<b>Mathematics Tutorial (thesis)</b>	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	<b>MATH</b>	<b>4993</b>	<b>Undergraduate Mathematics Seminar I</b>	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	<b>MATH</b>	<b>4994</b>	<b>Undergraduate Mathematics Seminar II</b>	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	<b>MATH</b>	<b>5000</b>	<b>History of Mathematics</b>	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	<b>MATH</b>	<b>5070</b>	<b>Introduction to Number Theory</b>	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	<b>MATH</b>	<b>5100</b>	<b>Teaching of Mathematics in Secondary School</b>	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	<b>MATH</b>	<b>5100L</b>	<b>Teaching of Mathematics in Secondary School</b>	Laboratory	1	0		N	G50		0
		ELIGIBLE GRADES:		<b>Early Field Experience</b> GEC1: A-F REQUISITE: MATH 5100 or concurrent								
		COURSE DESC:		Early Field Experience for students in Teaching Mathematics in Secondary Schools.								
A&S	MATH	<b>MATH</b>	<b>5110</b>	<b>College Geometry</b>	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	<b>MATH</b>	<b>5120</b>	<b>College Mathematics Teaching for New Teaching Assistants</b>	Lecture	2	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		This course prepares new mathematics teaching assistants for undergraduate-level mathematics instruction. Students will investigate the technical, pedagogical, ethical, and other professional dimensions of undergraduate mathematics instruction.								
A&S	MATH	<b>MATH</b>	<b>5200</b>	<b>Applied Linear Algebra</b>	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.								

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A&S	MATH	<b>MATH</b>	<b>5210</b>	<b>Linear Algebra</b>	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	<b>MATH</b>	<b>5221</b>	<b>Modern Algebra I</b>	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	<b>MATH</b>	<b>5222</b>	<b>Modern Algebra II</b>	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	<b>MATH</b>	<b>5230</b>	<b>Introduction to Algebraic Coding Theory</b>	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	<b>MATH</b>	<b>5301</b>	<b>Advanced Calculus I</b>	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	<b>MATH</b>	<b>5302</b>	<b>Advanced Calculus II</b>	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	<b>MATH</b>	<b>5310</b>	<b>Complex Variables</b>	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	<b>MATH</b>	<b>5320</b>	<b>Vector Analysis</b>	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	<b>MATH</b>	<b>5330</b>	<b>Hilbert Spaces and Applications</b>	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	<b>MATH</b>	<b>5400</b>	<b>Advanced Differential Equations</b>	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	<b>MATH</b>	<b>5410</b>	<b>Fourier Analysis and Partial Differential Equations</b>	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	<b>MATH</b>	<b>5470</b>	<b>Applied Dynamical Systems</b>	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	<b>MATH</b>	<b>5500</b>	<b>Theory of Statistics</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Probability distributions of one and several variables, sampling theory, estimation of parameters, confidence intervals, analysis of variance, correlation, and testing of statistical hypotheses.								

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A&S	MATH	<b>MATH</b>	<b>5505X</b>	<b>Applied Linear Models</b>	Lecture	3	0		N			0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				The course prepares students to apply several statistical modeling tools in order to draw conclusions on scientific experiments and observational studies. Topics include comparing two population means or proportions, matched pairs comparisons, simple and multivariate linear regression, predictions and simultaneous predictive confidence intervals, categorical data analysis, contingency tables and logistic regression (optional), analysis of variance and simultaneous confidence intervals, distribution-free methods, the rank-sum test, the sign test and the signed-rank test. These topics are implemented using standard statistical software.								
A&S	MATH	<b>MATH</b>	<b>5510</b>	<b>Applied Statistics</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				MATH 5500 Applications of the theory of statistics, including hypotheses testing, regression and correlation analysis, experimental design, and nonparametric statistics.								
A&S	MATH	<b>MATH</b>	<b>5520</b>	<b>Stochastic Processes</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				MATH 5500 Markov chains, Poisson process, birth and death process, queuing, and related topics.								
A&S	MATH	<b>MATH</b>	<b>5530</b>	<b>Statistical Computing</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				MATH 5500 Introduction to computational statistics; Monte Carlo methods, bootstrap, data partitioning methods, EM algorithm, probability density estimation, Markov Chain Monte Carlo methods.								
A&S	MATH	<b>MATH</b>	<b>5550</b>	<b>Basic Principles of Actuarial Science</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				MATH 5500 or concurrent Basic concepts of risk theory and utility theory, applied calculus and probability models for the analysis of claims, frequency and severity of distributions, loss distributions, premium determination, insurance with deductible, reinsurance and self-insurance.								
A&S	MATH	<b>MATH</b>	<b>5560</b>	<b>Life Contingencies</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				MATH 5550 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	<b>MATH</b>	<b>5570X</b>	<b>Investment and Financial Markets</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>MATH</b>	<b>5590X</b>	<b>Short Term Actuarial Models</b>	Lecture	3	0		N			0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>MATH</b>	<b>5600</b>	<b>Introduction to Numerical Analysis</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				A survey of the ideas, methods, and algorithms in Numerical Analysis.								
A&S	MATH	<b>MATH</b>	<b>5610</b>	<b>Introduction to Waves and Wavelets with Applications</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				MATH 5600 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	<b>MATH</b>	<b>5620</b>	<b>Linear and Nonlinear Optimization</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>MATH</b>	<b>5630</b>	<b>Discrete Modeling and Optimization</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>MATH</b>	<b>5680</b>	<b>Quantitative Foundations for Bioinformatics</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								

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A&S	MATH	<b>MATH</b>	<b>5700</b>	<b>Introduction to Topology</b>	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	<b>MATH</b>	<b>5900</b>	<b>Special Topics in Mathematics</b>	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	<b>MATH</b>	<b>5910</b>	<b>Internship</b>	Internship	1	3		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Internship at an employer outside the university.								
A&S	MATH	<b>MATH</b>	<b>5960</b>	<b>Seminar</b>	Seminar	1 to 4	50		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F								
		COURSE DESC:		Seminar								
A&S	MATH	<b>MATH</b>	<b>6221</b>	<b>Algebra I</b>	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	<b>MATH</b>	<b>6222</b>	<b>Algebra II</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 6221								
		COURSE DESC:		Continuation of Algebra I.								
A&S	MATH	<b>MATH</b>	<b>6231</b>	<b>Coding Theory I</b>	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	<b>MATH</b>	<b>6232</b>	<b>Coding Theory II</b>	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	<b>MATH</b>	<b>6301</b>	<b>Analysis I</b>	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	<b>MATH</b>	<b>6302</b>	<b>Analysis II</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MATH 6301								
		COURSE DESC:		Continuation of Analysis I.								
A&S	MATH	<b>MATH</b>	<b>6310</b>	<b>Complex Analysis</b>	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	<b>MATH</b>	<b>6320</b>	<b>Functional Analysis</b>	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.								



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A&S	MATH	<b>MATH</b>	<b>6330</b>	<b>Fourier Analysis</b>	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	<b>MATH</b>	<b>6400</b>	<b>Ordinary Differential Equations</b>	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.								
A&S	MATH	<b>MATH</b>	<b>6411</b>	<b>Partial Differential Equations I</b>	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	<b>MATH</b>	<b>6412</b>	<b>Partial Differential Equations II</b>	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	<b>MATH</b>	<b>6420</b>	<b>Calculus of Variations and Optimal Control</b>	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	<b>MATH</b>	<b>6470</b>	<b>Dynamical Systems</b>	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	<b>MATH</b>	<b>6500</b>	<b>Mathematical Statistics</b>	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	<b>MATH</b>	<b>6510</b>	<b>Linear Models</b>	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	<b>MATH</b>	<b>6520</b>	<b>Experimental Design</b>	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	<b>MATH</b>	<b>6530</b>	<b>Time Series Analysis</b>	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	<b>MATH</b>	<b>6640</b>	<b>Numerical Analysis: Linear Algebra</b>	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	<b>MATH</b>	<b>6650</b>	<b>Numerical Analysis: Approximation Methods</b>	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	<b>MATH</b>	<b>6660</b>	<b>Numerical Analysis: Differential Equations</b>	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	<b>MATH</b>	<b>6700</b>	<b>Point Set Topology</b>	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.								

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A&S	MATH	<b>MATH</b>	<b>6710</b>	<b>Algebraic Topology</b>	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	<b>MATH</b>	<b>6750</b>	<b>Set Theory</b>	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	<b>MATH</b>	<b>6900</b>	<b>Special Topics in Mathematics</b>	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	<b>MATH</b>	<b>6930</b>	<b>Independent Study</b>	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	<b>MATH</b>	<b>6940</b>	<b>Project in Computational Mathematics</b>	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	<b>MATH</b>	<b>6942</b>	<b>Project in Mathematics Education Research</b>	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	<b>MATH</b>	<b>6950</b>	<b>Thesis</b>	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	<b>MATH</b>	<b>7000</b>	<b>Topics in the Foundation and History of Mathematics</b>	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	<b>MATH</b>	<b>7010</b>	<b>Topics in Number Theory</b>	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	<b>MATH</b>	<b>7100</b>	<b>Topics in the Teaching of Mathematics</b>	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	<b>MATH</b>	<b>7150</b>	<b>Topics in Geometry</b>	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	<b>MATH</b>	<b>7200</b>	<b>Topics in Algebra</b>	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	<b>MATH</b>	<b>7300</b>	<b>Topics in Analysis</b>	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.								

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A&S	MATH	<b>MATH</b>	<b>7400</b>	<b>Topics in Differential Equations</b>	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	<b>MATH</b>	<b>7500</b>	<b>Topics in Probability, Statistics, and Stochastic Processes</b>	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	<b>MATH</b>	<b>7600</b>	<b>Topics in Applied Mathematics</b>	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	<b>MATH</b>	<b>7700</b>	<b>Topics in Topology</b>	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	<b>MATH</b>	<b>8900</b>	<b>Special Topics in Mathematics</b>	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	<b>MATH</b>	<b>8950</b>	<b>Dissertation</b>	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	<b>MATH</b>	<b>8960</b>	<b>Seminar</b>	Seminar	1	20		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F								
		COURSE DESC:		Seminar. May be repeated for credit.								

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A&S	MCB	<b>MCB</b>	<b>6700</b>	<b>Current Topics in Molecular and Cellular Neurobiology</b>	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	<b>MCB</b>	<b>6900</b>	<b>Special Topics in Molecular and Cellular Biology</b>	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	<b>MCB</b>	<b>7100</b>	<b>Advances in Signal Transduction</b>	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	<b>MCB</b>	<b>7200</b>	<b>Molecular Biology</b>	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	<b>MCB</b>	<b>7300</b>	<b>Molecular and Cellular Biology Laboratory</b>	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	<b>MCB</b>	<b>7410</b>	<b>Seminar in Molecular and Cellular Biology</b>	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	<b>MCB</b>	<b>7500</b>	<b>Disorders of the Nervous System</b>	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	<b>MCB</b>	<b>7510</b>	<b>Topics in Molecular and Cellular Biology</b>	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	<b>MCB</b>	<b>7600</b>	<b>Advanced Cell Biology</b>	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.								

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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	FR	1110	<b>Elementary French I</b>	Lecture	4	0	2CP	N	U10		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: REQUISITE: WARNING: No credit for this course if taken after the following: FR 1199, FR 1120, FR 2XXX, FR 3XXX, FR 4XXX								
				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	<b>Elementary French II</b>	Lecture	4	0	2CP	N	U10	CCE	0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: 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								
				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	<b>French for Review</b>	Lecture	3	0		N	U10		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: REQUISITE: French placement level 1199 and WARNING: No credit for this course if taken after the following: any FR course taken								
				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	<b>Intermediate French I</b>	Lecture	3	0	2CP	N	U30	CCE	0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: 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								
				First course of two-semester, second-year sequence. Intensive review of grammar. Supplemental cultural material.								
A&S	ML	FR	2120	<b>Intermediate French II</b>	Lecture	3	0	2CP	N	U30	CCE	0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: 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								
				Continuation of 2110. Second course of two-semester, second-year sequence. Intensive review of grammar. Supplemental cultural material.								
A&S	ML	FR	2900	<b>Special Topics in French</b>	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	ML	FR	2930	<b>Independent Study in French</b>	Ind Study	1 to 2	6		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, CR								
				COURSE DESC: REQUISITE: FR 2120								
				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	<b>French Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				COURSE DESC: REQUISITE: HTC								
				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	<b>French Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				COURSE DESC: REQUISITE: HTC								
				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	<b>French Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				COURSE DESC: REQUISITE: HTC								
				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	<b>French Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				COURSE DESC: REQUISITE: HTC								
				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	<b>Advanced Conversation and Composition I</b>	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: REQUISITE: FR 2120 or French placement level 3110								
				Speaking and writing based on readings and assigned topics. Grammar review.								
A&S	ML	FR	3120	<b>Advanced Conversation and Composition II</b>	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: REQUISITE: FR 3110								
				Continuation of 3110. Speaking and writing based on readings and assigned topics. Grammar review.								

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A&S	ML	FR	3215	<b>French for Business</b>	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3120								
				COURSE DESC: Profession-oriented language and culture training in French. Reading, writing, listening, and speaking skills are emphasized in a business context.								
A&S	ML	FR	3348	<b>French Civilization and Culture I</b>	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3110								
				COURSE DESC: Social, political, and cultural history of France from the Middle Ages to the Revolution. Readings, discussions, class reports, and short papers.								
A&S	ML	FR	3349	<b>French Civilization and Culture II</b>	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3110								
				COURSE DESC: Social, political, and cultural history of France from the Revolution to the present. Readings, discussions, class reports, and short papers.								
A&S	ML	FR	3540	<b>Introduction to Reading French Literature</b>	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3110								
				COURSE DESC: Designed to prepare students for advanced literature classes. Emphasis on developing literary interpretive skills through close analysis of French and/or Francophone prose, drama, and poetry.								
A&S	ML	FR	3550	<b>Introduction to Prose</b>	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3540								
				COURSE DESC: Reading and discussion of French and/or Francophone novels, short stories, and other narrative genres representing various literary heritages.								
A&S	ML	FR	3560	<b>Introduction to Drama and Poetry</b>	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3540								
				COURSE DESC: Analysis and discussion of French and/or Francophone plays and poetry from different periods.								
A&S	ML	FR	3910	<b>Internship in French</b>	Internship	1 to 4	8	BLD	I	U30		0
				ELIGIBLE GRADES: GEC6: CR, PR, F REQUISITE: Permission required								
				COURSE DESC: Practice using the language in a work environment. Does not count for major.								
A&S	ML	FR	3970T	<b>French Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
				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.								
A&S	ML	FR	3980T	<b>French Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
				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.								
A&S	ML	FR	4334	<b>French Through Film</b>	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3110								
				COURSE DESC: Early development of the French cinema and its more recent filmmakers, actors, and actresses. Films are studied in their cultural and historical contexts. Students increase their French proficiency through listening, speaking, reading, and writing.								
A&S	ML	FR	4437	<b>Applied Phonetics</b>	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:								
				COURSE DESC: Systematic study of segmental and prosodic elements of French pronunciation including extensive oral practice.								
A&S	ML	FR	4439	<b>Modern French Usage</b>	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: FR 3120								
				COURSE DESC: Study French syntax and semantics. Fine points of grammar. Practice in composition.								

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A&S	ML	FR	4441	<b>Stylistics and Criticism</b>	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	<b>16th-Century French Literature</b>	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	<b>17th-Century French Literature</b>	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	<b>18th-Century French Literature</b>	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	<b>19th-Century French Literature</b>	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	<b>20th- and 21st-Century French Literature</b>	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	<b>Francophone Literature and Culture of Africa and the Caribbean</b>	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	<b>Francophone Literature and Culture of the Americas</b>	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 Hébert, Roch Carrier, Michel Tremblay, Marie-Claire Blais, Dany Laferrière, Gérard Etienne, Marie-Célie Agnant. Works are studied in their historical and cultural contexts. Readings, lectures, films, and discussions.								
A&S	ML	FR	4513	<b>Occupation and Resistance in French Film and Literature</b>	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	<b>Early Modern Non-Fiction Prose: 16th-18th Centuries</b>	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	<b>Early Modern Poetry: 16th-18th Centuries</b>	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	<b>Prose Fiction of the 17th and 18th Centuries</b>	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	<b>Drama of the 17th and 18th Centuries</b>	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.								

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A&S	ML	FR	4518	<b>Prose Fiction of the 19th Century</b>	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	<b>Poetry of the 19th and 20th Centuries</b>	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	<b>Drama of the 19th and 20th Centuries</b>	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	<b>Prose Fiction of the 20th Century</b>	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	<b>Theory of Teaching French</b>	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	<b>Special Topics</b>	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	<b>Independent Study in French</b>	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	<b>French Tutorial</b>	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	<b>French Tutorial</b>	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	<b>French for Graduate Reading Requirements I</b>	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	<b>French for Graduate Reading Requirements II</b>	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	<b>French for Graduate Reading Requirements III</b>	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.								



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A&S	ML	<b>FR</b>	<b>5220</b>	<b>French for Graduate Reading Requirements IV</b>	Lecture	1 to 3	8		N	G40		0
				ELIGIBLE GRADES:								
				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	<b>FR</b>	<b>5310</b>	<b>French for Graduate Reading Requirements V</b>	Lecture	1 to 3	15		N	G40		0
				ELIGIBLE GRADES:								
				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	<b>FR</b>	<b>5320</b>	<b>French for Graduate Reading Requirements VI</b>	Lecture	1 to 3	15		N	G40		0
				ELIGIBLE GRADES:								
				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	<b>FR</b>	<b>5360</b>	<b>Civilization and Culture</b>	Lecture	4	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
				Social, political, and cultural study of France and/or Francophone countries.								
A&S	ML	<b>FR</b>	<b>5437</b>	<b>Applied Phonetics</b>	Lecture	4	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
				Systematic study of segmental and prosodic elements of French pronunciation including extensive oral practice.								
A&S	ML	<b>FR</b>	<b>5439</b>	<b>Modern French Usage</b>	Lecture	4	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
				GEC1: A-F REQUISITE: Study French syntax and semantics. Fine points of grammar. Practice in composition.								
A&S	ML	<b>FR</b>	<b>5441</b>	<b>Stylistics and Criticism</b>	Lecture	4	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
				GEC1: A-F REQUISITE: Figures of literary style. Explication de texte. Study of French prosody. Literary theory.								
A&S	ML	<b>FR</b>	<b>5502</b>	<b>16th-Century French Literature</b>	Lecture	4	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
				GEC1: A-F REQUISITE: Survey of major 16th-century French writers.								
A&S	ML	<b>FR</b>	<b>5503</b>	<b>17th-Century French Literature</b>	Lecture	4	8		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
				GEC1: A-F REQUISITE: Survey of major 17th-century French writers. All readings, discussion, and papers in French.								
A&S	ML	<b>FR</b>	<b>5504</b>	<b>18th-Century French Literature</b>	Lecture	4	8		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
				GEC1: A-F REQUISITE: Survey of major 18th-century French writers. All readings, discussion, and papers in French.								
A&S	ML	<b>FR</b>	<b>5505</b>	<b>19th-Century French Literature</b>	Lecture	4	8		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
				GEC1: A-F REQUISITE: Survey of major 19th-century French writers. All readings, discussion, and papers in French.								
A&S	ML	<b>FR</b>	<b>5506</b>	<b>20th- and 21st-Century French Literature</b>	Lecture	4	8		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
				GEC1: A-F REQUISITE: Survey of major 20th- and/or 21st-century French writers. All readings, discussion, and papers in French.								
A&S	ML	<b>FR</b>	<b>5511</b>	<b>Francophone Literature and Culture of Africa and the Caribbean</b>	Lecture	4	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
				GEC1: A-F REQUISITE: Representative works by 20th- and 21st-century writers of Africa and the Caribbean. Authors studied include (but are not limited to) Malika Mokeddem, Assia Djébar, 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.								

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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	ML	FR	5512	<b>Francophone Literature and Culture of the Americas</b> 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	<b>Early Modern Non-Fiction Prose: 16th-18th-Centuries</b> 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	<b>Early Modern Poetry: 16th-18th- Centuries</b> 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	<b>Prose Fiction of the 17th and 18th- Centuries</b> 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	<b>Drama of the 17th and 18th Centuries</b> 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	<b>Prose Fiction of the 19th- Century</b> 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	<b>Poetry of the 19th- and 20th- Centuries</b> 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	<b>Drama of the 19th- and 20th- Centuries</b> 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	<b>Prose Fiction of the 20th- Century</b> 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	<b>Theory of Teaching French</b> 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	<b>French for Graduates: Reading I</b> 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	<b>French for Graduates: Reading II</b> 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

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A&S	ML	<b>FR</b>	<b>5900</b>	<b>Special Topics</b>	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	<b>FR</b>	<b>5940</b>	<b>Graduate Study Abroad</b>	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	<b>FR</b>	<b>6900</b>	<b>Special Topics in French</b>	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	<b>FR</b>	<b>6902</b>	<b>Seminar</b>	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	<b>FR</b>	<b>6920</b>	<b>Praxis in Teaching College French</b>	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	<b>FR</b>	<b>6930</b>	<b>Independent Study in French</b>	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	<b>FR</b>	<b>6940</b>	<b>Directed Readings in French Language, Literature, and Culture</b>	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	<b>FR</b>	<b>6950</b>	<b>Thesis</b>	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	<b>GER</b>	<b>1110</b>	<b>Elementary German I</b>	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	<b>GER</b>	<b>1110A</b>	<b>Honors Experience: Elementary German I</b>	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	<b>GER</b>	<b>1120</b>	<b>Elementary German II</b>	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	<b>GER</b>	<b>1120A</b>	<b>Honors Experience: Elementary German II</b>	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.								

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A&S	ML	<b>GER</b>	<b>2110</b>	<b>Intermediate German I</b>	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					
		COURSE DESC:		Continued development of listening comprehension, reading, writing, and speaking skills. Grammar review. First course of intermediate-level sequence.								
A&S	ML	<b>GER</b>	<b>2120</b>	<b>Intermediate German II</b>	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	<b>GER</b>	<b>2350</b>	<b>German Drama on Stage</b>	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	<b>GER</b>	<b>2900</b>	<b>Special Topics in German</b>	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	ML	<b>GER</b>	<b>2930</b>	<b>Independent Study in German</b>	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	<b>GER</b>	<b>3110</b>	<b>Advanced Conversation and Composition</b>	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	<b>GER</b>	<b>3120</b>	<b>Advanced Conversation and Composition</b>	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	<b>GER</b>	<b>3215</b>	<b>Business German</b>	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	<b>GER</b>	<b>3348</b>	<b>German Culture and Civilization</b>	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	<b>GER</b>	<b>3349</b>	<b>Austrian Culture and Civilization</b>	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	<b>GER</b>	<b>3550</b>	<b>Introduction to German Literature I</b>	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	<b>GER</b>	<b>3560</b>	<b>Introduction to German Literature II</b>	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	<b>GER</b>	<b>3570</b>	<b>German through Film</b>	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.								

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A&S	ML	<b>GER</b>	<b>3910</b>	<b>Internship in German</b>	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	<b>GER</b>	<b>4439</b>	<b>Modern Ger Usage</b>	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	<b>GER</b>	<b>4441</b>	<b>Stylistics</b>	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	<b>GER</b>	<b>4450</b>	<b>Advanced Language Skills Application</b>	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	<b>GER</b>	<b>4529</b>	<b>20th-Century Austrian Literature</b>	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	<b>GER</b>	<b>4533</b>	<b>German Lyric Poetry</b>	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	<b>GER</b>	<b>4900</b>	<b>Special Topics</b>	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	<b>GER</b>	<b>4930</b>	<b>Independent Study in German</b>	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	<b>GER</b>	<b>5110</b>	<b>German for Graduate Reading Requirements I</b>	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	<b>GER</b>	<b>5120</b>	<b>German for Graduate Reading Requirements II</b>	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	<b>GER</b>	<b>5210</b>	<b>German for Graduate Reading Requirements III</b>	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	<b>GER</b>	<b>5220</b>	<b>German for Graduate Reading Requirements IV</b>	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.								

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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	ML	<b>GER</b>	<b>5310</b>	<b>German for Graduate Reading Requirements V</b>	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	<b>GER</b>	<b>5320</b>	<b>German for Graduate Reading Requirements VI</b>	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	<b>GER</b>	<b>5810</b>	<b>German for Graduates: Reading I</b>	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	<b>GER</b>	<b>5820</b>	<b>German for Graduates: Reading II</b>	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	<b>GER</b>	<b>5900</b>	<b>Special Topics</b>	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	<b>ILML</b>	<b>2900</b>	<b>Special Topics in International Literature - Modern Languages</b>	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	<b>ILML</b>	<b>2901</b>	<b>Portuguese and Brazilian Literature in English</b>	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	<b>ILML</b>	<b>2902</b>	<b>Italian Literature in English</b>	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	<b>ILML</b>	<b>2903</b>	<b>Spanish Literature in English</b>	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	<b>ILML</b>	<b>2904</b>	<b>French Literature in English</b>	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.								
A&S	ML	<b>ILML</b>	<b>2905</b>	<b>German Literature in English</b>	Lecture	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Survey of masterpieces of German literature, presented in English. No knowledge of German necessary.								
A&S	ML	<b>ILML</b>	<b>2906</b>	<b>Russian Literature in English</b>	Lecture	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Selected literary works from Russia (or former Soviet Union) in English translation. Topic varies. No knowledge of Russian necessary.								

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A&S	ML	<b>ILML</b>	<b>2907</b>	<b>Caribbean Literature in English</b>	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	<b>ITAL</b>	<b>1110</b>	<b>Elementary Italian I</b>	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	<b>ITAL</b>	<b>1120</b>	<b>Elementary Italian II</b>	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	<b>ITAL</b>	<b>2110</b>	<b>Intermediate Italian I</b>	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	<b>ITAL</b>	<b>2120</b>	<b>Intermediate Italian II</b>	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	<b>ITAL</b>	<b>2900</b>	<b>Special Topics in Italian</b>	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	<b>ITAL</b>	<b>2930</b>	<b>Independent Study in Italian</b>	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	<b>ITAL</b>	<b>3110</b>	<b>Advanced Conversation and Composition I</b>	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	<b>ITAL</b>	<b>3120</b>	<b>Advanced Conversation and Composition II</b>	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	<b>ITAL</b>	<b>3348</b>	<b>Italian Civilization and Culture</b>	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	<b>ITAL</b>	<b>3910</b>	<b>Internship in Italian</b>	Internship	1 to 4	8	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.								
A&S	ML	<b>ITAL</b>	<b>4900</b>	<b>Special Topics in Italian</b>	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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A&S	ML	<b>ITAL</b>	<b>5110</b>	<b>Italian for Graduate Reading Requirement I</b>	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	<b>ITAL</b>	<b>5120</b>	<b>Italian for Graduate Reading Requirement II</b>	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	<b>ITAL</b>	<b>5210</b>	<b>Italian for Graduate Reading Requirement III</b>	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	<b>ITAL</b>	<b>5220</b>	<b>Italian for Graduate Reading Requirement IV</b>	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	<b>ITAL</b>	<b>5310</b>	<b>Italian for Graduate Reading Requirement V</b>	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	<b>ITAL</b>	<b>5320</b>	<b>Italian for Graduate Reading Requirement VI</b>	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	<b>ITAL</b>	<b>5900</b>	<b>Special Topics in Italian</b>	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	<b>ITAL</b>	<b>5940</b>	<b>Graduate Study in Italy</b>	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	<b>ML</b>	<b>2300</b>	<b>French Gastronomy: An Introduction to the History and Development of French Gastronomy</b>	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.								
A&S	ML	<b>ML</b>	<b>2338</b>	<b>German Film and Culture</b>	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.								



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A&S	ML	<b>ML</b>	<b>2400</b>	<b>Language Immersion through Community-Based Service Learning during Study Abroad</b>	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	<b>ML</b>	<b>2491</b>	<b>Preparation for Study Abroad: Austria</b>	Lecture	1 to 2	0		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required								
		COURSE DESC:		Prepares students to study abroad in Austria. Covers linguistic, cultural, and other practical matters related to traveling and study abroad.								
A&S	ML	<b>ML</b>	<b>2492</b>	<b>Preparation for Study Abroad: France</b>	Lecture	1 to 2	0		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required								
		COURSE DESC:		Prepares students to study abroad in France. Covers linguistic, cultural and other practical matters related to traveling and study abroad.								
A&S	ML	<b>ML</b>	<b>2493</b>	<b>Preparation for Study Abroad: Mexico</b>	Lecture	1 to 2	0		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required								
		COURSE DESC:		Prepares students to study abroad in Mexico. Covers linguistic, cultural and other practical matters related to traveling and study abroad.								
A&S	ML	<b>ML</b>	<b>2494</b>	<b>Preparation for Study Abroad: Spain</b>	Lecture	1 to 2	0		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required								
		COURSE DESC:		Prepares students to study abroad in Spain. Covers linguistic, and other practical matters related to traveling and study abroad.								
A&S	ML	<b>ML</b>	<b>2495</b>	<b>Preparation for Study Abroad: Russia</b>	Lecture	1 to 2	0		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required								
		COURSE DESC:		Prepares students to study abroad in Russia. Covers linguistic, cultural and other practical matters related to traveling and study abroad.								
A&S	ML	<b>ML</b>	<b>2496</b>	<b>Preparation for Study Abroad: Ecuador</b>	Lecture	1 to 2	0		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required								
		COURSE DESC:		Prepares students to study abroad in Ecuador. Covers linguistic, cultural, and other practical matters related to traveling and study abroad.								
A&S	ML	<b>ML</b>	<b>2497</b>	<b>Preparation for Study Abroad: Italy</b>	Lecture	1 to 2	0		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required								
		COURSE DESC:		Prepares students to study abroad in Italy. Covers linguistic, cultural, and other practical matters related to traveling and study abroad.								
A&S	ML	<b>ML</b>	<b>2701</b>	<b>Introduction to Latinx Studies</b>	Lecture	3	0	FIE	N	U30		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	<b>ML</b>	<b>2900</b>	<b>Special Topics in Modern Languages</b>	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.								
A&S	ML	<b>ML</b>	<b>2950</b>	<b>Field Studies Abroad</b>	Laboratory	1 to 3	9	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required								
		COURSE DESC:		Designed to introduce participants in various study abroad programs to various aspects of life in target country.								
A&S	ML	<b>ML</b>	<b>3210J</b>	<b>Writing in Two Languages</b>	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.								

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A&S	ML	<b>ML</b>	<b>3270J</b>	<b>Translation as Writing</b>	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	<b>ML</b>	<b>3271</b>	<b>Technology in Translation</b>	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	<b>ML</b>	<b>3280J</b>	<b>Translation as Writing: Spanish to English</b>	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	<b>ML</b>	<b>4130</b>	<b>Self Without Borders: Culture, Identity and You</b>	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	<b>ML</b>	<b>4610</b>	<b>Technology in Language Teaching</b>	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	<b>ML</b>	<b>4630</b>	<b>Video in Foreign Language Teaching</b>	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	<b>ML</b>	<b>4635</b>	<b>Teaching Foreign Languages in the Elementary School</b>	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	<b>ML</b>	<b>4645</b>	<b>Teaching of Modern Foreign Languages</b>	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	<b>ML</b>	<b>4900</b>	<b>Special Topics</b>	Lecture	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:						
		COURSE DESC:		Topic varies.								
A&S	ML	<b>ML</b>	<b>5610</b>	<b>Technology in Language Teaching</b>	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	<b>ML</b>	<b>5630</b>	<b>Video in Foreign Language Teaching</b>	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.								
A&S	ML	<b>ML</b>	<b>5635</b>	<b>Teaching Foreign Languages in the Elementary School</b>	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.								

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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	ML	<b>ML</b>	<b>5645</b>	<b>Teaching of Modern Foreign Languages</b>	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>ML</b>	<b>5900</b>	<b>Special Topics</b>	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				CR, PR Topic varies.								
A&S	ML	<b>PORT</b>	<b>3110</b>	<b>Portuguese I</b>	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				SPAN 3120 or equivalent level in another Romance language (FR 3120 or ITAL 3120) or Portuguese placement level 3110. 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	<b>PORT</b>	<b>3120</b>	<b>Portuguese II</b>	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				PORT 3110 Continuation of Portuguese I. (See Portuguese I for description.)								
A&S	ML	<b>PORT</b>	<b>3180</b>	<b>Portuguese III</b>	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				PORT 3120 Beginning course of 2nd-year sequence with emphasis on oral proficiency.								
A&S	ML	<b>PORT</b>	<b>3190</b>	<b>Portuguese IV</b>	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				PORT 3180 Continuation of Portuguese III. See Portuguese III for description.								
A&S	ML	<b>PORT</b>	<b>3910</b>	<b>Internship in Portuguese</b>	Internship	1 to 4	8	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE:								
				PR, F Practice using the language in a work environment. Does not count for major.								
A&S	ML	<b>PORT</b>	<b>4110</b>	<b>Intensive Portuguese</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				PORT 3190 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	<b>PORT</b>	<b>4120</b>	<b>Intensive Portuguese II</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				PORT 4110 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	<b>PORT</b>	<b>4900</b>	<b>Special Topics</b>	Lecture	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				PORT 3190 Investigation of a specific topic not addressed extensively in departmental curriculum. Topic varies.								
A&S	ML	<b>PORT</b>	<b>4930</b>	<b>Independent Study in Portuguese</b>	Ind Study	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE:								
				CR Reading and discussion of assigned materials (books, periodicals, films) on specific topics. Does not satisfy language requirement.								
A&S	ML	<b>PORT</b>	<b>5110</b>	<b>Portuguese I</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE:								
				CR 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	<b>PORT</b>	<b>5120</b>	<b>Portuguese II</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE:								
				CR Continuation of Portuguese I. (See Portuguese I for description.)								
A&S	ML	<b>PORT</b>	<b>5180</b>	<b>Portuguese III</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE:								
				CR Beginning course of 2nd-year sequence with emphasis on oral proficiency.								

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A&S	ML	<b>PORT</b>	<b>5190</b>	<b>Portuguese IV</b>	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	<b>PORT</b>	<b>5900</b>	<b>Special Topics</b>	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	<b>PORT</b>	<b>5940</b>	<b>Graduate Study in Portugal or Brazil</b>	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	<b>PORT</b>	<b>6110</b>	<b>Intensive Portuguese</b>	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	<b>PORT</b>	<b>6120</b>	<b>Intensive Portuguese II</b>	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	<b>PORT</b>	<b>6900</b>	<b>Special Topics in Portuguese</b>	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	<b>PORT</b>	<b>6930</b>	<b>Independent Study in Portuguese</b>	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	<b>RUS</b>	<b>1110</b>	<b>Elementary Russian I</b>	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	<b>RUS</b>	<b>1120</b>	<b>Elementary Russian II</b>	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	<b>RUS</b>	<b>2110</b>	<b>Intermediate Russian I</b>	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	<b>RUS</b>	<b>2120</b>	<b>Intermediate Russian II</b>	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	<b>RUS</b>	<b>2900</b>	<b>Special Topics in Russian</b>	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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A&S	ML	<b>RUS</b>	<b>2930</b>	<b>Independent Study in Russian</b>	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	<b>RUS</b>	<b>3110</b>	<b>Advanced Conversation and Composition I</b>	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	<b>RUS</b>	<b>3120</b>	<b>Advanced Conversation and Composition II</b>	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	<b>RUS</b>	<b>3348</b>	<b>The Cultural History of Russia I</b>	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	<b>RUS</b>	<b>3349</b>	<b>The Cultural History of Russia II</b>	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	<b>RUS</b>	<b>3550</b>	<b>Introduction to Russian Literature I</b>	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	<b>RUS</b>	<b>3560</b>	<b>Introduction to Russian Literature II</b>	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	<b>RUS</b>	<b>3910</b>	<b>Internship in Russian</b>	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	<b>RUS</b>	<b>4437</b>	<b>Applied Phonetics</b>	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	<b>RUS</b>	<b>4439</b>	<b>Structure of Modern Russian</b>	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	<b>RUS</b>	<b>4441</b>	<b>Stylistics</b>	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	<b>RUS</b>	<b>4519</b>	<b>19th-Century Russian Literature</b>	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	<b>RUS</b>	<b>4529</b>	<b>Russian Literature in the Soviet Era</b>	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	<b>RUS</b>	<b>4900</b>	<b>Special Topics</b>	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.								

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A&S	ML	<b>RUS</b>	<b>4930</b>	<b>Independent Study in Russian</b>	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	<b>RUS</b>	<b>5110</b>	<b>Russian for Graduate Reading Requirements I</b>	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	<b>RUS</b>	<b>5120</b>	<b>Russian for Graduate Reading Requirements II</b>	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	<b>RUS</b>	<b>5210</b>	<b>Russian for Graduate Reading Requirements III</b>	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	<b>RUS</b>	<b>5220</b>	<b>Russian for Graduate Reading Requirements IV</b>	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	<b>RUS</b>	<b>5310</b>	<b>Russian for Graduate Reading Requirements V</b>	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	<b>RUS</b>	<b>5320</b>	<b>Russian for Graduate Reading Requirements VI</b>	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	<b>RUS</b>	<b>5900</b>	<b>Special Topics</b>	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	<b>SPAN</b>	<b>1110</b>	<b>Elementary Spanish I</b>	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.								

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A&S	ML	<b>SPAN</b>	<b>1120</b>	<b>Elementary Spanish II</b>	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	<b>SPAN</b>	<b>1199</b>	<b>Spanish for Review</b>	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	<b>SPAN</b>	<b>2110</b>	<b>Intermediate Spanish I</b>	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	<b>SPAN</b>	<b>2120</b>	<b>Intermediate Spanish II</b>	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	<b>SPAN</b>	<b>2900</b>	<b>Special Topics in Spanish</b>	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	<b>SPAN</b>	<b>2930</b>	<b>Independent Study in Spanish</b>	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	<b>SPAN</b>	<b>2970T</b>	<b>Spanish Tutorial</b>	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	<b>SPAN</b>	<b>2971T</b>	<b>Spanish Tutorial</b>	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	<b>SPAN</b>	<b>2980T</b>	<b>Spanish Tutorial</b>	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	<b>SPAN</b>	<b>2981T</b>	<b>Spanish Tutorial</b>	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	<b>SPAN</b>	<b>3110</b>	<b>Advanced Conversation and Composition I</b>	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	<b>SPAN</b>	<b>3110A</b>	<b>Honors Experience in Advanced Composition and Conversation I</b>	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	<b>SPAN</b>	<b>3120</b>	<b>Advanced Conversation and Composition II</b>	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	<b>SPAN</b>	<b>3215</b>	<b>Business Spanish</b>	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	<b>SPAN</b>	<b>3300</b>	<b>Mexican Civilization and Culture</b>	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	<b>SPAN</b>	<b>3310</b>	<b>Mayan Civilization and Culture</b>	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	<b>SPAN</b>	<b>3320</b>	<b>Yucatecan Civilization</b>	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	<b>SPAN</b>	<b>3348</b>	<b>Spanish Civilization and Culture</b>	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	<b>SPAN</b>	<b>3349</b>	<b>Spanish American Civilization and Culture</b>	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	<b>SPAN</b>	<b>3460</b>	<b>Introduction to Hispanic Linguistics</b>	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	<b>SPAN</b>	<b>3550</b>	<b>Introduction to Literature</b>	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	<b>SPAN</b>	<b>3550A</b>	<b>Honors Experience: Intro to Hispanic Literature</b>	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	<b>SPAN</b>	<b>3910</b>	<b>Internship in Spanish</b>	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.								



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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	ML	<b>SPAN</b>	<b>3970T</b>	<b>Spanish Tutorial</b>	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	<b>SPAN</b>	<b>3980T</b>	<b>Spanish Tutorial</b>	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	<b>SPAN</b>	<b>4375</b>	<b>History of Art in Spain - 1500-present</b>	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	<b>SPAN</b>	<b>4436</b>	<b>Spanish Pragmatics</b>	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	<b>SPAN</b>	<b>4437</b>	<b>Applied Phonetics</b>	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	<b>SPAN</b>	<b>4438</b>	<b>Hispanic Dialectology and Sociolinguistics</b>	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	<b>SPAN</b>	<b>4439</b>	<b>Modern Spanish Usage</b>	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	<b>SPAN</b>	<b>4441</b>	<b>Stylistics</b>	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	<b>SPAN</b>	<b>4457</b>	<b>History of the Spanish Language</b>	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	<b>SPAN</b>	<b>4513</b>	<b>Survey of Spanish American Literature I</b>	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	<b>SPAN</b>	<b>4514</b>	<b>Survey of Spanish American Literature II</b>	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	<b>SPAN</b>	<b>4517</b>	<b>Themes from Spanish American Prose</b>	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	<b>SPAN</b>	<b>4518</b>	<b>Contemporary Spanish American Literature</b>	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.								

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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	<b>SPAN</b>	<b>4555</b>	<b>Medieval and Golden Age Spanish Literature</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SPAN 3550								
				The literature of medieval, Renaissance and baroque Spain.								
A&S	ML	<b>SPAN</b>	<b>4558</b>	<b>Don Quijote de la Mancha</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SPAN 3550								
				Intensive study of part one and part two of Cervantes's novel.								
A&S	ML	<b>SPAN</b>	<b>4560</b>	<b>19th-Century Spanish Literature - 1800-1898</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SPAN 3550								
				Romanticismo, costumbrismo, realismo and other movements in drama, essay, narrative fiction and poetry.								
A&S	ML	<b>SPAN</b>	<b>4565</b>	<b>20th-Century Spanish Literature</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SPAN 3550								
				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	<b>SPAN</b>	<b>4568</b>	<b>Film and Literature of the Franco Era</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SPAN 3550								
				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	<b>SPAN</b>	<b>4570</b>	<b>Contemporary Spanish Literature</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SPAN 3550								
				Analysis of selected contemporary Spanish poetry, prose fiction and/or drama.								
A&S	ML	<b>SPAN</b>	<b>4640</b>	<b>Teaching Spanish: Theory and Methodology</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SPAN 3120 or 3215								
				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	<b>SPAN</b>	<b>4900</b>	<b>Special Topics</b>	Lecture	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SPAN 3460 or 3550								
				Subject will vary. Investigation of a specific topic not addressed extensively in department curriculum.								
A&S	ML	<b>SPAN</b>	<b>4910</b>	<b>Internship in Mexico</b>	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	<b>SPAN</b>	<b>4930</b>	<b>Independent Study in Spanish</b>	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	<b>SPAN</b>	<b>4970T</b>	<b>Spanish Tutorial</b>	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	<b>SPAN</b>	<b>4980T</b>	<b>Spanish Tutorial</b>	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.								

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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	<b>SPAN</b>	<b>5110</b>	<b>Spanish for Graduate Reading Requirements I</b>	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	<b>SPAN</b>	<b>5120</b>	<b>Spanish for Graduate Reading Requirements II</b>	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	<b>SPAN</b>	<b>5210</b>	<b>Spanish for Graduate Reading Requirements II</b>	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	<b>SPAN</b>	<b>5220</b>	<b>Spanish for Graduate Reading Requirements IV</b>	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	<b>SPAN</b>	<b>5310</b>	<b>Spanish for Graduate Reading Requirements V</b>	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	<b>SPAN</b>	<b>5320</b>	<b>Spanish for Graduate Reading Requirements VI</b>	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	<b>SPAN</b>	<b>5348</b>	<b>Spanish Civilization and Culture</b>	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	<b>SPAN</b>	<b>5349</b>	<b>Spanish American Civilization and Culture</b>	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	<b>SPAN</b>	<b>5375</b>	<b>History of Art in Spain - 1500-present</b>	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	<b>SPAN</b>	<b>5436</b>	<b>Spanish Pragmatics</b>	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	<b>SPAN</b>	<b>5437</b>	<b>Applied Phonetics</b>	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	<b>SPAN</b>	<b>5438</b>	<b>Hispanic Dialectology and Sociolinguistics</b>	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	<b>SPAN</b>	<b>5439</b>	<b>Modern Spanish Usage</b>	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		The grammatical structure of modern Spanish.								
A&S	ML	<b>SPAN</b>	<b>5441</b>	<b>Stylistics</b>	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	<b>SPAN</b>	<b>5457</b>	<b>History of the Spanish Language</b>	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	<b>SPAN</b>	<b>5460</b>	<b>Introduction to Hispanic Linguistics</b>	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	<b>SPAN</b>	<b>5513</b>	<b>Survey of Spanish American Literature I</b>	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	<b>SPAN</b>	<b>5514</b>	<b>Survey of Spanish American Literature II</b>	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	<b>SPAN</b>	<b>5517</b>	<b>Themes from Spanish American Prose</b>	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	<b>SPAN</b>	<b>5518</b>	<b>Contemporary Spanish American Literature</b>	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	<b>SPAN</b>	<b>5530</b>	<b>Literature of Golden Age Spain</b>	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	<b>SPAN</b>	<b>5551</b>	<b>Medieval Spanish Literature</b>	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.								

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COURSE LISTING  
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A&S	ML	<b>SPAN</b>	<b>5558</b>	<b>Don Quijote de la Mancha</b>	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	<b>SPAN</b>	<b>5560</b>	<b>19th-Century Spanish Literature - 1800-1898</b>	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	<b>SPAN</b>	<b>5565</b>	<b>20th-Century Spanish Literature</b>	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	<b>SPAN</b>	<b>5568</b>	<b>Film and Literature of the Franco Era</b>	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	<b>SPAN</b>	<b>5570</b>	<b>Contemporary Spanish Literature</b>	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	<b>SPAN</b>	<b>5640</b>	<b>Teaching Spanish: Theory and Methodology</b>	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	<b>SPAN</b>	<b>5810</b>	<b>Spanish for Graduates: Reading I</b>	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	<b>SPAN</b>	<b>5820</b>	<b>Spanish for Graduates: Reading II</b>	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	<b>SPAN</b>	<b>5900</b>	<b>Special Topics in Spanish</b>	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	<b>SPAN</b>	<b>5940</b>	<b>Graduate Study in Spain or Latin America</b>	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	<b>SPAN</b>	<b>6900</b>	<b>Special Topics in Spanish</b>	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.							

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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	ML	<b>SPAN</b>	<b>6902</b>	<b>Seminar</b>	Lecture	4	12		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Advanced study of period, genre, work, author, or phenomenon in one of the following areas: (a) literature of the Middle Ages, (b) Renaissance, (c) modern Spanish literature, (d) Latin American literature, (e) Spanish language. May be repeated when topic changes.								
A&S	ML	<b>SPAN</b>	<b>6920</b>	<b>Problems in Teaching College Spanish</b>	Practicum	1	3		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR	Provides guidance for teaching associates in first year of instructing college students in beginning language course.							
A&S	ML	<b>SPAN</b>	<b>6930</b>	<b>Independent Study in Spanish</b>	Ind Study	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR	Supervised research projects.							
A&S	ML	<b>SPAN</b>	<b>6940</b>	<b>Directed Readings in Spanish Language, Literature, and Culture</b>	Research	4	24		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission required						
		COURSE DESC:		PR, F	Supervised reading in selected areas for students preparing for comprehensive exams.							
A&S	ML	<b>SPAN</b>	<b>6950</b>	<b>Thesis</b>	Thesis	1 to 4	4		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		PR	Topic determined in consultation with thesis advisor. Follow guidelines in Spanish MA Handbook.							
A&S	ML	<b>T3</b>	<b>4120</b>	<b>Cross-Cultural Studies in Modern Languages</b>	Lecture	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Wide-ranging analysis, through literary and other artistic works of social, political, economic, linguistic, aesthetic, ethical, religious issues for differing cultural perspectives, one of which will be the student's native culture. Graded activities: oral (daily participation; reports) and written (essays; term project; take-home final exam). Taught in English.								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	OPIE	<b>OPIE</b>	<b>D100</b>	<b>Foundations in English CORE Skills</b>	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	<b>OPIE</b>	<b>D101</b>	<b>Foundations in English Listening/Speaking</b>	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	<b>OPIE</b>	<b>D102</b>	<b>Foundations in Reading and Writing</b>	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	<b>OPIE</b>	<b>D200</b>	<b>Elementary Core Skills</b>	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	<b>OPIE</b>	<b>D201</b>	<b>Elementary Listening/Speaking</b>	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.								

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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	<b>OPIE</b>	<b>D202</b>	<b>Elementary Reading/Writing</b>	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	<b>OPIE</b>	<b>D300</b>	<b>Intermediate Core Skills</b>	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	<b>OPIE</b>	<b>D301</b>	<b>Intermediate Listening/Speaking</b>	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	<b>OPIE</b>	<b>D302</b>	<b>Intermediate Reading/Vocabulary</b>	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	<b>OPIE</b>	<b>D400</b>	<b>High-Intermediate Core Skills</b>	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	<b>OPIE</b>	<b>D401</b>	<b>High-Intermediate Listening/Speaking</b>	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.								



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A&S	OPIE	<b>OPIE</b>	<b>D402</b>	<b>High-Intermediate Reading/Vocabulary</b>	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	<b>OPIE</b>	<b>D500</b>	<b>Advanced CORE Skills</b>	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	<b>OPIE</b>	<b>D600</b>	<b>Pre-Academic Core Skills</b>	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	<b>OPIE</b>	<b>D701</b>	<b>Academic Listening/Note-taking/Speaking</b>	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	<b>OPIE</b>	<b>D702</b>	<b>Advanced Reading Skills</b>	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	<b>OPIE</b>	<b>D703</b>	<b>Pronunciation through Current Events</b>	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.								

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COURSE LISTING  
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A&S	OPIE	<b>OPIE</b>	<b>D704</b>	<b>Native Americans of the U.S.</b>	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	<b>OPIE</b>	<b>D705</b>	<b>Public Speaking</b>	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	<b>OPIE</b>	<b>D706</b>	<b>Beefing Up Your Academic Vocabulary</b>	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	<b>OPIE</b>	<b>D707</b>	<b>Intercultural Communication</b>	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	<b>OPIE</b>	<b>D708</b>	<b>Ecology and the Environment</b>	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	<b>OPIE</b>	<b>D709</b>	<b>American Culture</b>	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.								

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A&S	OPIE	<b>OPIE</b>	<b>D710</b>	<b>Stories in the News</b>	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	<b>OPIE</b>	<b>D711</b>	<b>U.S. Cities: A Comparison of History and Culture</b>	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	<b>OPIE</b>	<b>D712</b>	<b>Americans at Work</b>	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	<b>OPIE</b>	<b>D713</b>	<b>English through Music</b>	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	<b>OPIE</b>	<b>D714</b>	<b>Adventures in Mythology</b>	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	<b>OPIE</b>	<b>D715</b>	<b>Oral Communication in University Classes</b>	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.								

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A&S	OPIE	<b>OPIE</b>	<b>D802</b>	<b>Reading for Academic Purposes</b>	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	<b>OPIE</b>	<b>D803</b>	<b>Advanced Grammar</b>	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	<b>OPIE</b>	<b>D804</b>	<b>Grammar for Writing</b>	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	<b>OPIE</b>	<b>D805</b>	<b>Composition</b>	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	<b>OPIE</b>	<b>D806</b>	<b>Techniques for Gathering and Evaluating Research Information and for Research Writing</b>	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	<b>OPIE</b>	<b>D807</b>	<b>Academic English Test Taking Strategies</b>	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.									

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A&S	OPIE	<b>OPIE</b>	<b>D808</b>	<b>Issues Through Film</b>	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	<b>OPIE</b>	<b>D809</b>	<b>Reading and Writing about Literature</b>	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	<b>OPIE</b>	<b>D810</b>	<b>Exploring American Culture</b>	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	<b>OPIE</b>	<b>D900</b>	<b>Special Studies in American English: Language and Culture</b>	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	<b>OPIE</b>	<b>D960</b>	<b>Academic Combined Skills 1</b>	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	<b>OPIE</b>	<b>D970</b>	<b>Academic Combined Skills 2</b>	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	<b>OPIE</b>	<b>D980</b>	<b>Academic Core Skills 3</b>	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.								

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A&S	OPIE	<b>OPIE</b>	<b>5100D</b>	<b>Foundations in English CORE Skills</b>	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	<b>OPIE</b>	<b>5101D</b>	<b>Foundations in English Listening/Speaking</b>	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	<b>OPIE</b>	<b>5102D</b>	<b>Foundations in Reading and Writing</b>	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	<b>OPIE</b>	<b>5200D</b>	<b>Elementary Core Skills</b>	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	<b>OPIE</b>	<b>5201D</b>	<b>Elementary Listening/Speaking</b>	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	<b>OPIE</b>	<b>5202D</b>	<b>Elementary Reading/Writing</b>	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	<b>OPIE</b>	<b>5300D</b>	<b>Intermediate Core Skills</b>	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	<b>OPIE</b>	<b>5301D</b>	<b>Intermediate Listening/Speaking</b>	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	<b>OPIE</b>	<b>5302D</b>	<b>Intermediate Reading/Vocabulary</b>	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.								

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A&S	OPIE	<b>OPIE</b>	<b>5400D</b>	<b>High-Intermediate Core Skills</b>	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	<b>OPIE</b>	<b>5401D</b>	<b>High-Intermediate Listening/Speaking</b>	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	<b>OPIE</b>	<b>5402D</b>	<b>High-Intermediate Reading/Vocabulary</b>	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	<b>OPIE</b>	<b>5500D</b>	<b>Advanced Core Skills</b>	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	<b>OPIE</b>	<b>5600D</b>	<b>PreAcademic Core Skills</b>	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	<b>OPIE</b>	<b>5701D</b>	<b>Academic Listening/Note-taking/Speaking</b>	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	<b>OPIE</b>	<b>5702D</b>	<b>Advanced Reading Skills</b>	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	<b>OPIE</b>	<b>5703D</b>	<b>Pronunciation through Current Events</b>	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	<b>OPIE</b>	<b>5704D</b>	<b>Native Americans of the U.S.</b>	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	<b>OPIE</b>	<b>5705D</b>	<b>Public Speaking</b>	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	<b>OPIE</b>	<b>5706D</b>	<b>Beefing Up Your Academic Vocabulary</b>	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	<b>OPIE</b>	<b>5707D</b>	<b>Intercultural Communication</b>	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	<b>OPIE</b>	<b>5708D</b>	<b>Ecology and the Environment</b>	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	<b>OPIE</b>	<b>5709D</b>	<b>American Culture</b>	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	<b>OPIE</b>	<b>5710D</b>	<b>Stories in the News</b>	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	<b>OPIE</b>	<b>5711D</b>	<b>U.S. Cities: a Comparison of History and Culture</b>	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	<b>OPIE</b>	<b>5712D</b>	<b>Americans at Work</b>	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	<b>OPIE</b>	<b>5713D</b>	<b>English through Music</b>	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.								



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COURSE LISTING  
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A&S	OPIE	<b>OPIE</b>	<b>5714D</b>	<b>Adventures in Mythology</b>	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	<b>OPIE</b>	<b>5715D</b>	<b>Oral Communication in University Classes</b>	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	<b>OPIE</b>	<b>5802D</b>	<b>Reading for Academic Purposes</b>	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	<b>OPIE</b>	<b>5803D</b>	<b>Advanced Grammar</b>	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	<b>OPIE</b>	<b>5804D</b>	<b>Grammar for Writing</b>	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	<b>OPIE</b>	<b>5805D</b>	<b>Composition</b>	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	<b>OPIE</b>	<b>5806D</b>	<b>Techniques for Gathering and Evaluating Research Information and for Research Writing</b>	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	<b>OPIE</b>	<b>5807D</b>	<b>Academic English Test Taking Strategies</b>	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	<b>OPIE</b>	<b>5808D</b>	<b>Issues Through Film</b>	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.								

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COURSE LISTING  
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A&S	OPIE	<b>OPIE</b>	<b>5809D</b>	<b>Reading and Writing about Literature</b>	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	<b>OPIE</b>	<b>5810D</b>	<b>Exploring American Culture</b>	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	<b>OPIE</b>	<b>5900</b>	<b>Special Topics in Ohio Program of Intensive English</b>	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	<b>OPIE</b>	<b>5900D</b>	<b>Special Studies in American English: Language and Culture</b>	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	<b>OPIE</b>	<b>5960D</b>	<b>Academic Combined Skills 1</b>	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	<b>OPIE</b>	<b>5970D</b>	<b>Academic Combined Skills 2</b>	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	<b>OPIE</b>	<b>5980D</b>	<b>Academic Core Skills 3</b>	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.								

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COURSE LISTING  
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A&S	PBIO	<b>BIOL</b>	<b>1010</b>	<b>Principles of Biology</b>	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	<b>BIOL</b>	<b>1010</b>	<b>Principles of Biology</b>	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	<b>BIOL</b>	<b>2900</b>	<b>Special Topics in Biology</b>	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	<b>PBIO</b>	<b>1000</b>	<b>Plants and the Global Environment</b>	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	<b>PBIO</b>	<b>1000L</b>	<b>Plants and the Global Environment Laboratory</b>	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	<b>PBIO</b>	<b>1020</b>	<b>Plant Biology</b>	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	<b>PBIO</b>	<b>1020</b>	<b>Plant Biology</b>	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	<b>PBIO</b>	<b>1030</b>	<b>Plants and People</b>	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	<b>PBIO</b>	<b>1090</b>	<b>Americans and their Forests: Ecology, Conservation and History</b>	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	<b>PBIO</b>	<b>1140</b>	<b>Foundations of Plant Biology</b>	Laboratory	4	0	2NS; PNS	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	<b>PBIO</b>	<b>1140</b>	<b>Foundations of Plant Biology</b>	Lecture	4	0	2NS; PNS	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	<b>PBIO</b>	<b>1150</b>	<b>Plant Structure and Development</b>	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.								

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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	<b>PBIO</b>	<b>1150</b>	<b>Plant Structure and Development</b>	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	<b>PBIO</b>	<b>2010</b>	<b>Plant Biology for Gardeners</b>	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	<b>PBIO</b>	<b>2010L</b>	<b>Plant Biology for Gardeners Lab</b>	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	<b>PBIO</b>	<b>2050</b>	<b>Biotechnology: From the Lab to Daily Life</b>	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	<b>PBIO</b>	<b>2060</b>	<b>Sustainable Agriculture</b>	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	<b>PBIO</b>	<b>2060</b>	<b>Sustainable Agriculture</b>	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	<b>PBIO</b>	<b>2090</b>	<b>Plant Ecology</b>	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	<b>PBIO</b>	<b>2140</b>	<b>Exploring Bioinformatics</b>	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	<b>PBIO</b>	<b>2170</b>	<b>Women in Science</b>	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	<b>PBIO</b>	<b>2180</b>	<b>Introduction to Biological Research and Writing</b>	Laboratory	3	0	2AS	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	<b>PBIO</b>	<b>2180</b>	<b>Introduction to Biological Research and Writing</b>	Lecture	3	0	2AS	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	<b>PBIO</b>	<b>2200</b>	<b>Woody Plants</b>	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.								

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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	<b>PBIO</b>	<b>2200</b>	<b>Woody Plants</b>	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	<b>PBIO</b>	<b>2250</b>	<b>Flowers</b>	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	<b>PBIO</b>	<b>2250</b>	<b>Flowers</b>	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	<b>PBIO</b>	<b>2470</b>	<b>Biomes of the World</b>	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	<b>PBIO</b>	<b>2480</b>	<b>Dendrology: A Study of Trees, Shrubs, and Lianas</b>	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	<b>PBIO</b>	<b>2840</b>	<b>Introduction to Global Studies in Plant Biology seminar</b>	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	<b>PBIO</b>	<b>2900</b>	<b>Special Topics in Plant Biology</b>	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	<b>PBIO</b>	<b>2970T</b>	<b>Plant Biology Tutorial</b>	Tutorial	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:			HTC				
		COURSE DESC:		Seminar contents varies.								
A&S	PBIO	<b>PBIO</b>	<b>2971T</b>	<b>Plant Biology Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:			HTC				
		COURSE DESC:		[Seminar contents varies.]								
A&S	PBIO	<b>PBIO</b>	<b>2980T</b>	<b>Plant Biology Tutorial</b>	Tutorial	1 to 15	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:			PBIO 2970T				
		COURSE DESC:		[Seminar contents varies.]								
A&S	PBIO	<b>PBIO</b>	<b>2981T</b>	<b>Plant Biology Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:			HTC				
		COURSE DESC:		[Seminar contents varies.]								
A&S	PBIO	<b>PBIO</b>	<b>3010</b>	<b>Lab in Cell and Molecular Plant Physiology</b>	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	<b>PBIO</b>	<b>3010</b>	<b>Lab in Cell and Molecular Plant Physiology</b>	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.								

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A&S	PBIO	<b>PBIO</b>	<b>3020</b>	<b>Soil Microbial Analysis Lab</b>	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	<b>PBIO</b>	<b>3030</b>	<b>Medicinal Plants of Ohio</b>	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	<b>PBIO</b>	<b>3050</b>	<b>Plant Propagation</b>	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	<b>PBIO</b>	<b>3050</b>	<b>Plant Propagation</b>	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	<b>PBIO</b>	<b>3080</b>	<b>Structural Botany</b>	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	<b>PBIO</b>	<b>3080</b>	<b>Structural Botany</b>	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	<b>PBIO</b>	<b>3100</b>	<b>Biology of Fungi</b>	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	<b>PBIO</b>	<b>3100</b>	<b>Biology of Fungi</b>	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	<b>PBIO</b>	<b>3140</b>	<b>Exploring Bioinformatics Seminar</b>	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	<b>PBIO</b>	<b>3150</b>	<b>Statistical Methods in Plant Biology</b>	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	<b>PBIO</b>	<b>3150</b>	<b>Statistical Methods in Plant Biology</b>	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	<b>PBIO</b>	<b>3160</b>	<b>Horticultural Management and Techniques</b>	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	<b>PBIO</b>	<b>3190</b>	<b>Ohio Flora</b>	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								

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A&S	PBIO	<b>PBIO</b>	<b>3220</b>	<b>Tropical Plant Ecology</b>	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	<b>PBIO</b>	<b>3240</b>	<b>Plant Physiology</b>	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	<b>PBIO</b>	<b>3240</b>	<b>Plant Physiology</b>	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	<b>PBIO</b>	<b>3260</b>	<b>Plant Ecophysiology</b>	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	<b>PBIO</b>	<b>3260</b>	<b>Plant Ecophysiology</b>	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	<b>PBIO</b>	<b>3300</b>	<b>Plant Genetics</b>	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	<b>PBIO</b>	<b>3301</b>	<b>Plant Breeding</b>	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	<b>PBIO</b>	<b>3301</b>	<b>Plant Breeding</b>	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	<b>PBIO</b>	<b>3330</b>	<b>Restoration Ecology</b>	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	<b>PBIO</b>	<b>3330</b>	<b>Restoration Ecology</b>	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	<b>PBIO</b>	<b>3400</b>	<b>Development and Evolution of Land Plants</b>	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	<b>PBIO</b>	<b>3400</b>	<b>Development and Evolution of Land Plants</b>	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	<b>PBIO</b>	<b>3530</b>	<b>Plant Developmental Physiology</b>	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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A&S	PBIO	<b>PBIO</b>	<b>3935H</b>	<b>Thesis Development</b>	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	<b>PBIO</b>	<b>3970T</b>	<b>Plant Biology Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		Seminar contents varies.								
A&S	PBIO	<b>PBIO</b>	<b>3980T</b>	<b>Plant Biology Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		Seminar contents varies.								
A&S	PBIO	<b>PBIO</b>	<b>4090</b>	<b>Plant Systematics and Survey of Vascular Plant Families</b>	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	<b>PBIO</b>	<b>4090</b>	<b>Plant Systematics and Survey of Vascular Plant Families</b>	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	<b>PBIO</b>	<b>4095</b>	<b>Field Studies in Plant Diversity</b>	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	<b>PBIO</b>	<b>4095</b>	<b>Field Studies in Plant Diversity</b>	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	<b>PBIO</b>	<b>4120</b>	<b>Plant Pathology</b>	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	<b>PBIO</b>	<b>4120</b>	<b>Plant Pathology</b>	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	<b>PBIO</b>	<b>4160</b>	<b>Problem Solving with Bioinformatics Tools</b>	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	<b>PBIO</b>	<b>4170</b>	<b>Biological Research and Science Ethics</b>	Seminar	1	0		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	<b>PBIO</b>	<b>4180J</b>	<b>Writing for the Science Researcher</b>	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	<b>PBIO</b>	<b>4181J</b>	<b>Writing for Biologists</b>	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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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
A&S	PBIO	<b>PBIO</b>	<b>4200</b>	<b>Phycology: The Study of Algae</b>	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>PBIO</b>	<b>4200</b>	<b>Phycology: The Study of Algae</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>PBIO</b>	<b>4270</b>	<b>Molecular Genetics</b>	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	<b>PBIO</b>	<b>4280</b>	<b>Laboratory in Genomics Techniques</b>	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	<b>PBIO</b>	<b>4280</b>	<b>Laboratory in Genomics Techniques</b>	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	<b>PBIO</b>	<b>4310</b>	<b>Plant Cell Biology</b>	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	<b>PBIO</b>	<b>4350</b>	<b>Plant Population Biology and Community Ecology</b>	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	<b>PBIO</b>	<b>4350</b>	<b>Plant Population Biology and Community Ecology</b>	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	<b>PBIO</b>	<b>4380</b>	<b>Soil Properties and Ecosystem Processes</b>	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	<b>PBIO</b>	<b>4380</b>	<b>Soil Properties and Ecosystem Processes</b>	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	<b>PBIO</b>	<b>4420</b>	<b>Experimental Anatomy of Plant Development</b>	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	<b>PBIO</b>	<b>4420</b>	<b>Experimental Anatomy of Plant Development</b>	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	<b>PBIO</b>	<b>4500</b>	<b>Biotechnology and Genetic Engineering</b>	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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A&S	PBIO	<b>PBIO</b>	<b>4501</b>	<b>The Principles of Brewing Science</b>	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	<b>PBIO</b>	<b>4501</b>	<b>The Principles of Brewing Science</b>	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	<b>PBIO</b>	<b>4750</b>	<b>Plant Population Genetics and Speciation</b>	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	<b>PBIO</b>	<b>4850</b>	<b>Plant Biology Capstone</b>	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	<b>PBIO</b>	<b>4850</b>	<b>Plant Biology Capstone</b>	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	<b>PBIO</b>	<b>4900</b>	<b>Special Topics in Environmental &amp; Plant Biology</b>	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	<b>PBIO</b>	<b>4910</b>	<b>Internship</b>	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	<b>PBIO</b>	<b>4940</b>	<b>Undergraduate Research</b>	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	<b>PBIO</b>	<b>4941</b>	<b>Undergraduate Research/Written Presentation</b>	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	<b>PBIO</b>	<b>4945H</b>	<b>Thesis</b>	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	<b>PBIO</b>	<b>4970T</b>	<b>Plant Biology Tutorial</b>	Tutorial	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC						
		COURSE DESC:		Seminar contents varies.								
A&S	PBIO	<b>PBIO</b>	<b>4980T</b>	<b>Plant Biology Tutorial</b>	Tutorial	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PBIO 4970T						
		COURSE DESC:		Seminar contents varies.								
A&S	PBIO	<b>PBIO</b>	<b>5010</b>	<b>Lab in Cell and Molecular Plant Physiology</b>	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	<b>PBIO</b>	<b>5010</b>	<b>Lab in Cell and Molecular Plant Physiology</b>	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	<b>PBIO</b>	<b>5020</b>	<b>Soil Microbial Analysis lab</b>	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	<b>PBIO</b>	<b>5020</b>	<b>Soil Microbial Analysis lab</b>	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	<b>PBIO</b>	<b>5080</b>	<b>Structural Botany</b>	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	<b>PBIO</b>	<b>5080</b>	<b>Structural Botany</b>	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	<b>PBIO</b>	<b>5090</b>	<b>Plant Systematics and Survey of Vascular Plant Families</b>	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	<b>PBIO</b>	<b>5090</b>	<b>Plant Systematics and Survey of Vascular Plant Families</b>	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	<b>PBIO</b>	<b>5095</b>	<b>Field Studies in Plant Diversity</b>	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	<b>PBIO</b>	<b>5095</b>	<b>Field Studies in Plant Diversity</b>	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	<b>PBIO</b>	<b>5100</b>	<b>Biology of Fungi</b>	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.								

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A&S	PBIO	<b>PBIO</b>	<b>5100</b>	<b>Biology of Fungi</b> 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	<b>PBIO</b>	<b>5150</b>	<b>Statistical Methods in Plant Biology</b> 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	<b>PBIO</b>	<b>5150</b>	<b>Statistical Methods in Plant Biology</b> 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	<b>PBIO</b>	<b>5160</b>	<b>Problem Solving with Bioinformatics Tools</b> 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	<b>PBIO</b>	<b>5170</b>	<b>Biological Research and Science Ethics</b> 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	<b>PBIO</b>	<b>5180</b>	<b>Writing in the Life Sciences</b> 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	<b>PBIO</b>	<b>5190</b>	<b>Ohio Flora</b> 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	<b>PBIO</b>	<b>5200</b>	<b>Phycology: the study of algae</b> 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	<b>PBIO</b>	<b>5200</b>	<b>Phycology: the study of algae</b> 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	<b>PBIO</b>	<b>5220</b>	<b>Tropical Plant Ecology</b> 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	<b>PBIO</b>	<b>5240</b>	<b>Plant Physiology</b> 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	<b>PBIO</b>	<b>5240</b>	<b>Plant Physiology</b> 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	<b>PBIO</b>	<b>5260</b>	<b>Physiological Plant Ecology</b> 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	<b>PBIO</b>	<b>5260</b>	<b>Physiological Plant Ecology</b> 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

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A&S	PBIO	<b>PBIO</b>	<b>5270</b>	<b>Molecular Genetics</b>	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	<b>PBIO</b>	<b>5280</b>	<b>Laboratory in Genomics Techniques</b>	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	<b>PBIO</b>	<b>5280</b>	<b>Laboratory in Genomics Techniques</b>	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	<b>PBIO</b>	<b>5300</b>	<b>Plant Genetics</b>	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	<b>PBIO</b>	<b>5310</b>	<b>Cell Biology</b>	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	<b>PBIO</b>	<b>5330</b>	<b>Restoration Ecology</b>	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	<b>PBIO</b>	<b>5330</b>	<b>Restoration Ecology</b>	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	<b>PBIO</b>	<b>5350</b>	<b>Plant Population Biology and Community Ecology</b>	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	<b>PBIO</b>	<b>5350</b>	<b>Plant Population Biology and Community Ecology</b>	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	<b>PBIO</b>	<b>5380</b>	<b>Soil Properties and Ecosystem Processes</b>	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	<b>PBIO</b>	<b>5380</b>	<b>Soil Properties and Ecosystem Processes</b>	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	<b>PBIO</b>	<b>5400</b>	<b>Development and Evolution of Land Plants</b>	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	<b>PBIO</b>	<b>5400</b>	<b>Development and Evolution of Land Plants</b>	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.								

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A&S	PBIO	<b>PBIO</b>	<b>5420</b>	<b>Experimental Anatomy of Plant Development</b>	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	<b>PBIO</b>	<b>5420</b>	<b>Experimental Anatomy of Plant Development</b>	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	<b>PBIO</b>	<b>5500</b>	<b>Biotechnology and Genetic Engineering</b>	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	<b>PBIO</b>	<b>5750</b>	<b>Plant Population Genetics and Speciation</b>	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	<b>PBIO</b>	<b>5850</b>	<b>Global Studies in Plant Biology Graduate Field Course</b>	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	<b>PBIO</b>	<b>5850</b>	<b>Global Studies in Plant Biology Graduate Field Course</b>	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	<b>PBIO</b>	<b>5900</b>	<b>Special Topics in Environmental &amp; Plant Biology</b>	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	<b>PBIO</b>	<b>6500</b>	<b>Instrumentation and Techniques</b>	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	<b>PBIO</b>	<b>6500</b>	<b>Instrumentation and Techniques</b>	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	<b>PBIO</b>	<b>6510</b>	<b>Plant Biochemistry</b>	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	<b>PBIO</b>	<b>6700</b>	<b>Botanical Pedagogy</b>	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	<b>PBIO</b>	<b>6900</b>	<b>Special Topics in Environmental &amp; Plant Biology</b>	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	<b>PBIO</b>	<b>6940</b>	<b>Graduate Research</b>	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.								

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A&S	PBIO	<b>PBIO</b>	<b>6950</b>	<b>Thesis</b>	Thesis	1 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	<b>PBIO</b>	<b>6970</b>	<b>Seminar</b>	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	<b>PBIO</b>	<b>6971</b>	<b>Topics in Plant Systematics and Evolution</b>	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	<b>PBIO</b>	<b>6972</b>	<b>Topics in Plant Molecular and Cell Biology</b>	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	<b>PBIO</b>	<b>6973</b>	<b>Topics in Plant Ecology</b>	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	<b>PBIO</b>	<b>8700</b>	<b>Biostatistics II</b>	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	<b>PBIO</b>	<b>8700</b>	<b>Biostatistics II</b>	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	<b>PBIO</b>	<b>8900</b>	<b>Special Topics in Environmental &amp; Plant Biology</b>	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	<b>PBIO</b>	<b>8950</b>	<b>Dissertation</b>	Thesis	1 to 15	250		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:							
		COURSE DESC:		Formal presentation of results of research as partial fulfillment of requirement for Ph. D.								
A&S	PBIO	<b>T3</b>	<b>4091</b>	<b>An Island as an Environment</b>	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	<b>T3</b>	<b>4091</b>	<b>An Island as an Environment</b>	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	<b>Biology and Geography of Regional Food Plants</b> GEC1: A-F REQUISITE: Tier II completed and Sr only The proposed integrative course examines plants utilized commonly as food in a selected region of the world from a variety of perspectives including their biology and evolution, geographic origins and historical development, chemical properties related to their use, agriculture and harvesting, food products utilizing these plants, and how cultures have been modified by food plants. Students will learn how regional environmental conditions and topography, land use, political and ethnic groups, economics, and infusion of other cultures have dictated the food plants now utilized in particular areas within the region under study. Each week, food plants will be introduced and discussed both within a geographic context (e.g., Rhineland of W Germany and adjacent Belgium; and E Germany and Moravia) and a functional or product-based context (e.g., fermentation, grapes and wines; and cereal grains, salt and preservation methods).	Discussion	3	0	3	N	U30		0
A&S	PBIO	T3	4950	<b>Biology and Geography of Regional Food Plants</b> GEC1: A-F REQUISITE: Tier II completed and Sr only The proposed integrative course examines plants utilized commonly as food in a selected region of the world from a variety of perspectives including their biology and evolution, geographic origins and historical development, chemical properties related to their use, agriculture and harvesting, food products utilizing these plants, and how cultures have been modified by food plants. Students will learn how regional environmental conditions and topography, land use, political and ethnic groups, economics, and infusion of other cultures have dictated the food plants now utilized in particular areas within the region under study. Each week, food plants will be introduced and discussed both within a geographic context (e.g., Rhineland of W Germany and adjacent Belgium; and E Germany and Moravia) and a functional or product-based context (e.g., fermentation, grapes and wines; and cereal grains, salt and preservation methods).	Laboratory	3	0	3	N	U30		0
A&S	PBIO	T3	4950	<b>Biology and Geography of Regional Food Plants</b> GEC1: A-F REQUISITE: Tier II completed and Sr only The proposed integrative course examines plants utilized commonly as food in a selected region of the world from a variety of perspectives including their biology and evolution, geographic origins and historical development, chemical properties related to their use, agriculture and harvesting, food products utilizing these plants, and how cultures have been modified by food plants. Students will learn how regional environmental conditions and topography, land use, political and ethnic groups, economics, and infusion of other cultures have dictated the food plants now utilized in particular areas within the region under study. Each week, food plants will be introduced and discussed both within a geographic context (e.g., Rhineland of W Germany and adjacent Belgium; and E Germany and Moravia) and a functional or product-based context (e.g., fermentation, grapes and wines; and cereal grains, salt and preservation methods).	Lecture	3	0	3	N	U30		0



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A&S	PHIL	<b>PHIL</b>	<b>1010</b>	<b>Fundamentals of Philosophy</b>	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	<b>PHIL</b>	<b>1200</b>	<b>Principles of Reasoning</b>	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	<b>PHIL</b>	<b>1200</b>	<b>Principles of Reasoning</b>	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	<b>PHIL</b>	<b>1200L</b>	<b>Support for Critical Thinking and Logic</b>	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
		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	<b>PHIL</b>	<b>1300</b>	<b>Introduction to Ethics</b>	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	<b>PHIL</b>	<b>2160</b>	<b>Philosophy of Science Survey</b>	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	<b>PHIL</b>	<b>2300</b>	<b>Ethical Reasoning: From Theory to Application</b>	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	<b>PHIL</b>	<b>2310</b>	<b>Philosophy of Sport</b>	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	<b>PHIL</b>	<b>2320</b>	<b>Philosophy of Art</b>	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	<b>PHIL</b>	<b>2350</b>	<b>Business Ethics</b>	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	<b>PHIL</b>	<b>2400</b>	<b>Social and Political Philosophy</b>	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	<b>PHIL</b>	<b>2500</b>	<b>Philosophy of Mind</b>	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	<b>PHIL</b>	<b>2600</b>	<b>Philosophy of Religion</b>	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	<b>PHIL</b>	<b>2700</b>	<b>Philosophy, Technology, and Society</b>	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	<b>PHIL</b>	<b>2900</b>	<b>Special Topics in Philosophy</b>	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	<b>PHIL</b>	<b>2970T</b>	<b>Philosophy Tutorial</b>	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	<b>PHIL</b>	<b>2980T</b>	<b>Philosophy Tutorial</b>	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	<b>PHIL</b>	<b>3010J</b>	<b>Writing With Critical Reasoning Skills</b>	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	<b>PHIL</b>	<b>3100</b>	<b>History of Western Philosophy: Ancient</b>	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	<b>PHIL</b>	<b>3110</b>	<b>History of Western Philosophy: Medieval and Renaissance</b>	Lecture	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Augustine to Bruno and Campanella.								
A&S	PHIL	<b>PHIL</b>	<b>3120</b>	<b>History of Western Philosophy: Modern</b>	Lecture	3	0	2HL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		17th and 18th century European philosophy.								
A&S	PHIL	<b>PHIL</b>	<b>3140</b>	<b>19th Century European Philosophy</b>	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	<b>PHIL</b>	<b>3200</b>	<b>Symbolic Logic I</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Techniques of modern symbolic logic.								
A&S	PHIL	<b>PHIL</b>	<b>3300</b>	<b>Ethics</b>	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	<b>PHIL</b>	<b>3310</b>	<b>Moral Problems in Medicine</b>	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	<b>PHIL</b>	<b>3320</b>	<b>Philosophy of Sex and Love</b>	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	<b>PHIL</b>	<b>3330</b>	<b>Philosophy of Literature</b>	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	<b>PHIL</b>	<b>3350</b>	<b>Environmental Ethics</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		COURSE DESC:		How should we value nature? What is important about it, and why? Is it important to us because caring for nature advances our interests, or because it is valuable in its own right? Do animals have special claims upon us? Should our primary concern be for individual organisms, or for species? Aims at thinking through some of the questions that surround the idea of valuing the environment in which we live, and understanding possible views as to the source and nature of that value.								
A&S	PHIL	<b>PHIL</b>	<b>3500</b>	<b>Philosophy of Culture</b>	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	<b>PHIL</b>	<b>3510</b>	<b>Philosophy of Language</b>	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	<b>PHIL</b>	<b>3580</b>	<b>Existentialism</b>	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	<b>PHIL</b>	<b>3970T</b>	<b>Philosophy Tutorial</b>	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	<b>PHIL</b>	<b>3980T</b>	<b>Philosophy Tutorial</b>	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	<b>PHIL</b>	<b>4120</b>	<b>Philosophy of Biology</b>	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	<b>PHIL</b>	<b>4130</b>	<b>Philosophy and Freudian Analysis</b>	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	<b>PHIL</b>	<b>4140</b>	<b>Analytic Philosophy</b>	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	<b>PHIL</b>	<b>4160</b>	<b>Philosophy of Science</b>	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	<b>PHIL</b>	<b>4170</b>	<b>Philosophy of Logic</b>	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	<b>PHIL</b>	<b>4180</b>	<b>Plato</b>	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	<b>PHIL</b>	<b>4190</b>	<b>Aristotle</b> ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0		N	U30		0
				GEC1: A-F REQUISITE: 4 Courses in PHIL including 3100 [Seminar contents vary.]								
A&S	PHIL	<b>PHIL</b>	<b>4200</b>	<b>Symbolic Logic II</b> ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0		N	U30		0
				GEC1: A-F REQUISITE: PHIL 3200 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	<b>PHIL</b>	<b>4250</b>	<b>Philosophical Problems in Quantum Physics</b> ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0		N	U30		0
				GEC1: A-F REQUISITE: 2 Courses in (CHEM or CS or MATH or PHIL or PHYS) 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	<b>PHIL</b>	<b>4260</b>	<b>Philosophy of Space and Time</b> ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0		N	U30		0
				GEC1: A-F REQUISITE: 2 Courses in (CHEM or CS or MATH or PHIL or PHYS) 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	<b>PHIL</b>	<b>4270</b>	<b>Philosophy of Mathematics</b> ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0		N	U30		0
				GEC1: A-F REQUISITE: 2 Courses in (CHEM or CS or MATH or PHIL or PHYS) 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	<b>PHIL</b>	<b>4280</b>	<b>Continental Rationalism</b> ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0		N	U30		0
				GEC1: A-F REQUISITE: 4 Courses in PHIL including 3120 Descartes, Spinoza, Leibniz.								
A&S	PHIL	<b>PHIL</b>	<b>4290</b>	<b>British Empiricism</b> ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0		N	U30		0
				GEC1: A-F REQUISITE: 4 Courses in PHIL including 3120 Locke, Berkeley, Hume.								
A&S	PHIL	<b>PHIL</b>	<b>4300</b>	<b>Ethical Theory</b> ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0		N	U30		0
				GEC1: A-F REQUISITE: 4 Courses in PHIL including (1300 or 3300) Significant current literature in selected topics of moral, social, political, and legal philosophy.								
A&S	PHIL	<b>PHIL</b>	<b>4310</b>	<b>History of Aesthetic Theory</b> ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0		N	U30		0
				GEC1: A-F REQUISITE: 4 Courses in PHIL Readings from Plato to Dewey and relation of these theories to selected arts and recent criticism.								
A&S	PHIL	<b>PHIL</b>	<b>4320</b>	<b>Problems in Aesthetics</b> ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0		N	U30		0
				GEC1: A-F REQUISITE: 9 Hours in (PHIL or LIT or ARTS) 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	<b>PHIL</b>	<b>4340</b>	<b>Metaethics</b> ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0		N	U30		0
				GEC1: A-F REQUISITE: 3 Courses in PHIL and (1300 or 2400 or 4300) 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	<b>PHIL</b>	<b>4380</b>	<b>Kant</b> ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0		N	U30		0
				GEC1: A-F REQUISITE: 4 Courses in PHIL including 3120 Kant's Critique of Pure Reason with attention given to his ethical theory.								
A&S	PHIL	<b>PHIL</b>	<b>4400</b>	<b>Contemporary Social Philosophy</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	U30		0
				GEC1: A-F REQUISITE: 4 Courses in PHIL or (2 Courses in PHIL and 9 hours Tier II Social Sciences) 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	<b>PHIL</b>	<b>4420</b>	<b>Philosophy of Law</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	U30		0
				GEC1: A-F REQUISITE: 3 Courses in PHIL 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	<b>PHIL</b>	<b>4440</b>	<b>Philosophy of Marxism</b>	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	<b>PHIL</b>	<b>4460</b>	<b>Justice and Liberty</b>	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	<b>PHIL</b>	<b>4480</b>	<b>Pragmatism</b>	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	<b>PHIL</b>	<b>4500</b>	<b>Theory of Knowledge</b>	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	<b>PHIL</b>	<b>4510</b>	<b>Metaphysics</b>	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	<b>PHIL</b>	<b>4520</b>	<b>Evolution of Human Cognition and Cooperation</b>	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	<b>PHIL</b>	<b>4580</b>	<b>Contemporary European Philosophy</b>	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	<b>PHIL</b>	<b>4590</b>	<b>Contemporary French Philosophy</b>	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	<b>PHIL</b>	<b>4680</b>	<b>Phenomenology</b>	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	<b>PHIL</b>	<b>4750</b>	<b>Chinese Philosophy</b>	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	<b>PHIL</b>	<b>4760</b>	<b>Indian Philosophy</b>	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	<b>PHIL</b>	<b>4770</b>	<b>Buddhist Philosophy</b>	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	<b>PHIL</b>	<b>4780</b>	<b>African Philosophy</b>	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	<b>PHIL</b>	<b>4900</b>	<b>Special Topics in Philosophy</b>	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	<b>PHIL</b>	<b>4901</b>	<b>Senior Seminar</b>	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.								

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COURSE LISTING  
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A&S	PHIL	<b>PHIL</b>	<b>4910</b>	<b>Internship in Philosophy</b> 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	<b>PHIL</b>	<b>4911</b>	<b>Seminar in Philosophy</b> ELIGIBLE GRADES: COURSE DESC:	Seminar	3	9		N	U30		0
				GEC1: A-F REQUISITE: 5 courses in PHIL Selected problems.								
A&S	PHIL	<b>PHIL</b>	<b>4921</b>	<b>Applied Ethics</b> 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	<b>PHIL</b>	<b>4970</b>	<b>Independent Reading</b> ELIGIBLE GRADES: COURSE DESC:	Tutorial	3	0		I	U30		0
				GEC1: A-F REQUISITE: Permission required Seminar contents vary.								
A&S	PHIL	<b>PHIL</b>	<b>4970T</b>	<b>Philosophy Tutorial</b> 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	<b>PHIL</b>	<b>4980T</b>	<b>Philosophy Tutorial</b> 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	<b>PHIL</b>	<b>4990</b>	<b>Senior Thesis</b> 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	<b>PHIL</b>	<b>5020</b>	<b>Techniques of Formal Analysis</b> 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	<b>PHIL</b>	<b>5120</b>	<b>Philosophy of Biology</b> 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	<b>PHIL</b>	<b>5130</b>	<b>Philosophy and Freudian Analysis</b> 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	<b>PHIL</b>	<b>5140</b>	<b>Analytic Philosophy</b> 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	<b>PHIL</b>	<b>5150</b>	<b>Contemporary Philosophical Problems</b> ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0		N	G40		0
				GEC2: A-F, REQUISITE: PR Selected topics in contemporary philosophy.								
A&S	PHIL	<b>PHIL</b>	<b>5160</b>	<b>Philosophy of Science</b> 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	<b>PHIL</b>	<b>5170</b>	<b>Philosophy of Logic</b> 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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A&S	PHIL	<b>PHIL</b>	<b>5180</b>	<b>Plato</b>	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	PHIL	<b>PHIL</b>	<b>5190</b>	<b>Aristotle</b>	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	PHIL	<b>PHIL</b>	<b>5200</b>	<b>Symbolic Logic II</b>	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PHIL 5020								
		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	<b>PHIL</b>	<b>5210</b>	<b>Proof Theory</b>	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PHIL 3200								
		COURSE DESC:		Advanced proof theory.								
A&S	PHIL	<b>PHIL</b>	<b>5220</b>	<b>Computability Theory</b>	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Computability theory.								
A&S	PHIL	<b>PHIL</b>	<b>5230</b>	<b>Modal and M V Logics</b>	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PHIL 3200								
		COURSE DESC:		Modal and M V logic.								
A&S	PHIL	<b>PHIL</b>	<b>5240</b>	<b>Foundation Theory</b>	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PHIL 3200								
		COURSE DESC:		Foundation theory								
A&S	PHIL	<b>PHIL</b>	<b>5250</b>	<b>Philosophical Problems in Quantum Physics</b>	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	<b>PHIL</b>	<b>5260</b>	<b>Philosophy of Space and Time</b>	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	<b>PHIL</b>	<b>5270</b>	<b>Philosophy of Mathematics</b>	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	<b>PHIL</b>	<b>5280</b>	<b>Continental Rationalism</b>	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Seminar contents vary.								
A&S	PHIL	<b>PHIL</b>	<b>5290</b>	<b>British Empiricism</b>	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	<b>PHIL</b>	<b>5300</b>	<b>Ethical Theory</b>	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	<b>PHIL</b>	<b>5310</b>	<b>History of Aesthetic Theory</b>	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	<b>PHIL</b>	<b>5320</b>	<b>Problems in Aesthetics</b>	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	<b>PHIL</b>	<b>5330</b>	<b>Meaning in Music</b>	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Topics in the philosophy of music.								
A&S	PHIL	<b>PHIL</b>	<b>5340</b>	<b>Metaethics</b>	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	<b>PHIL</b>	<b>5380</b>	<b>Kant</b>	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	<b>PHIL</b>	<b>5390</b>	<b>Nineteenth Century European Philosophy</b>	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	<b>PHIL</b>	<b>5400</b>	<b>Contemporary Social and Political Philosophy</b>	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	<b>PHIL</b>	<b>5420</b>	<b>Philosophy of Law</b>	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	<b>PHIL</b>	<b>5430</b>	<b>Liability and Responsibility in the Law</b>	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	<b>PHIL</b>	<b>5440</b>	<b>Philosophy of Marxism</b>	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	<b>PHIL</b>	<b>5460</b>	<b>Justice and Liberty</b>	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	<b>PHIL</b>	<b>5480</b>	<b>Pragmatism</b>	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	<b>PHIL</b>	<b>5500</b>	<b>Theory of Knowledge</b>	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	<b>PHIL</b>	<b>5510</b>	<b>Metaphysics</b>	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	<b>PHIL</b>	<b>5520</b>	<b>Evolution of Human Cognition and Cooperation</b>	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	<b>PHIL</b>	<b>5540</b>	<b>Semiotics in Communication</b>	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	<b>PHIL</b>	<b>5580</b>	<b>Contemporary European Philosophy</b>	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	<b>PHIL</b>	<b>5590</b>	<b>Contemporary French Philosophy</b>	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	<b>PHIL</b>	<b>5680</b>	<b>Phenomenology</b>	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	<b>PHIL</b>	<b>5750</b>	<b>Chinese Philosophy</b>	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	<b>PHIL</b>	<b>5760</b>	<b>Indian Philosophy</b>	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	<b>PHIL</b>	<b>5770</b>	<b>Buddhist Philosophy</b>	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	<b>PHIL</b>	<b>5780</b>	<b>African Philosophy</b>	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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A&S	PHIL	<b>PHIL</b>	<b>5900</b>	<b>Special Topics in Philosophy</b>	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	<b>PHIL</b>	<b>5901</b>	<b>Seminar in Philosophy</b>	Seminar	1 to 3	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Selected problems.								
A&S	PHIL	<b>PHIL</b>	<b>5920</b>	<b>Applied Ethics</b>	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	<b>PHIL</b>	<b>6850</b>	<b>Forum in Contemporary Philosophy</b>	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	<b>PHIL</b>	<b>6890</b>	<b>Topics in Applied Ethics</b>	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	<b>PHIL</b>	<b>6900</b>	<b>Special Topics in Philosophy</b>	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	<b>PHIL</b>	<b>6901</b>	<b>Supervised Teaching</b>	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	<b>PHIL</b>	<b>6902</b>	<b>Special Studies</b>	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	<b>PHIL</b>	<b>6903</b>	<b>Graduate Seminar in Philosophy</b>	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	<b>PHIL</b>	<b>6911</b>	<b>Seminar in Philosophy</b>	Seminar	1 to 12	999		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Selected problems in philosophy.								
A&S	PHIL	<b>PHIL</b>	<b>6940</b>	<b>Advanced Readings</b>	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	<b>PHIL</b>	<b>6950</b>	<b>Thesis</b>	Thesis	1 to 12	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Master's 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	PHYS	<b>ASTR</b>	<b>1000</b>	<b>Survey of Astronomy</b>	Lecture	3	0	2NS	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	<b>ASTR</b>	<b>1001</b>	<b>Moons and Planets: The Solar System</b>	Lecture	3	0	2NS	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	<b>ASTR</b>	<b>1400</b>	<b>Observational Astronomy Laboratory</b>	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	<b>ASTR</b>	<b>2900</b>	<b>Special Topics in Astronomy</b>	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	<b>ASTR</b>	<b>3251</b>	<b>Fundamentals of Astrophysics</b>	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	<b>ASTR</b>	<b>3940</b>	<b>Astronomy Laboratory</b>	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	<b>ASTR</b>	<b>4201</b>	<b>Stellar Astrophysics and Radiation</b>	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	<b>ASTR</b>	<b>4202</b>	<b>Interstellar Medium and Galaxies</b>	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	<b>ASTR</b>	<b>4271</b>	<b>Observational Astrophysics</b>	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	<b>ASTR</b>	<b>4271</b>	<b>Observational Astrophysics</b>	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	<b>ASTR</b>	<b>4900</b>	<b>Special Topics in Astronomy</b>	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	<b>ASTR</b>	<b>4930</b>	<b>Studies in Astronomy</b>	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.								

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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	<b>ASTR</b>	<b>5201</b>	<b>Stellar Astrophysics and Radiation</b>	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	<b>ASTR</b>	<b>5202</b>	<b>Interstellar Medium and Galaxies</b>	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	<b>ASTR</b>	<b>5271</b>	<b>Observational Astrophysics</b>	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	<b>ASTR</b>	<b>5271</b>	<b>Observational Astrophysics</b>	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	<b>ASTR</b>	<b>5900</b>	<b>Special Topics in Astronomy</b>	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	<b>PHYS</b>	<b>D020</b>	<b>Preparation for College Physics</b>	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	<b>PHYS</b>	<b>1021</b>	<b>Peer-Led Team Learning for PHYS 2001</b>	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	<b>PHYS</b>	<b>1022</b>	<b>Peer-Led Team Learning for PHYS 2002</b>	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	<b>PHYS</b>	<b>1901</b>	<b>Physics Seminar</b>	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	<b>PHYS</b>	<b>2001</b>	<b>Introduction to Physics</b>	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 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	<b>PHYS</b>	<b>2001</b>	<b>Introduction to Physics</b>	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 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	<b>PHYS</b>	<b>2001A</b>	<b>Honors Experience in Introduction to Physics</b>	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  
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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	<b>PHYS</b>	<b>2002</b>	<b>Introduction to Physics</b>	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	<b>PHYS</b>	<b>2002</b>	<b>Introduction to Physics</b>	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	<b>PHYS</b>	<b>2002A</b>	<b>Honors Experience: Introduction to Physics</b>	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	<b>PHYS</b>	<b>2051</b>	<b>General Physics</b>	Laboratory	5	0	2NS; PNS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE: MATH 2301				
		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	<b>PHYS</b>	<b>2051</b>	<b>General Physics</b>	Lecture	5	0	2NS; PNS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE: MATH 2301				
		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	<b>PHYS</b>	<b>2051</b>	<b>General Physics</b>	Recitation	5	0	2NS; PNS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE: MATH 2301				
		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	<b>PHYS</b>	<b>2051H</b>	<b>General Physics for Physics and Astronomy Majors</b>	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	<b>PHYS</b>	<b>2052</b>	<b>General Physics</b>	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				
		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	<b>PHYS</b>	<b>2052</b>	<b>General Physics</b>	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				
		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	<b>PHYS</b>	<b>2052</b>	<b>General Physics</b>	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				
		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.								

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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	<b>PHYS</b>	<b>2052H</b>	<b>General Physics for Physics and Astronomy Majors</b> 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.	Lecture	5	0		N	U10		0
A&S	PHYS	<b>PHYS</b>	<b>2053</b>	<b>Contemporary Physics: Relativity and Quantum Phenomena</b> GEC1: A-F REQUISITE: PHYS 2052 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.	Lecture	3	0	2NS; ANW	N	U30		0
A&S	PHYS	<b>PHYS</b>	<b>2054</b>	<b>General Physics 1 classical mechanics and thermodynamics</b> 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 it is paired with for General Education and TAGs credit.	Lecture	3	0	2NS; PNS	N	U30		0
A&S	PHYS	<b>PHYS</b>	<b>2055</b>	<b>General Physics 1 laboratory course</b> GEC1: A-F REQUISITE: PHSY 2054 concurrent COURSE DESC: This course is the laboratory course that is paired with PHYS 2054 for General Education and TAGs credit.	Laboratory	1	0	2NS	N	U30		0
A&S	PHYS	<b>PHYS</b>	<b>2056</b>	<b>General Physics 2 electricity and magnetism</b> 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.	Lecture	3	0	2NS; ANW	N	U30		0
A&S	PHYS	<b>PHYS</b>	<b>2057</b>	<b>General Physics 2 laboratory course</b> GEC1: A-F REQUISITE: PHYS 2056 COURSE DESC: This is the laboratory course that is paired with PHYS 2056 for General Education and TAGs credit.	Laboratory	1	0	2NS	N	U30		0
A&S	PHYS	<b>PHYS</b>	<b>2301</b>	<b>General Physics with Biological Applications</b> 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.	Laboratory	4	0	2NS	N	U30		0
A&S	PHYS	<b>PHYS</b>	<b>2301</b>	<b>General Physics with Biological Applications</b> 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.	Lecture	4	0	2NS	N	U30		0
A&S	PHYS	<b>PHYS</b>	<b>2701</b>	<b>Electronics Laboratory</b> 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.	Laboratory	2	0		N	U30		0
A&S	PHYS	<b>PHYS</b>	<b>2900</b>	<b>Special Topics in Physics</b> GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.	Lecture	1 to 15	999		N	U30		0
A&S	PHYS	<b>PHYS</b>	<b>2930</b>	<b>Special Studies</b> GEC4: A-F, REQUISITE: Permission required CR, PR COURSE DESC: Special studies in physics under supervision of faculty member.	Ind Study	1 to 4	99		I	U30		0
A&S	PHYS	<b>PHYS</b>	<b>2970T</b>	<b>Physics Tutorial</b> GEC1: A-F REQUISITE: HTC COURSE DESC: First year tutorial studies in physics.	Tutorial	1 to 15	15		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	PHYS	<b>PHYS</b>	<b>2980T</b>	<b>Physics Tutorial</b>	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	<b>PHYS</b>	<b>3001</b>	<b>Mechanics</b>	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	<b>PHYS</b>	<b>3011</b>	<b>Thermal Physics</b>	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	<b>PHYS</b>	<b>3401</b>	<b>Introduction to Mathematical Physics</b>	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	<b>PHYS</b>	<b>3701</b>	<b>Intermediate Laboratory - Electrons &amp; Photons</b>	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	<b>PHYS</b>	<b>3702</b>	<b>Intermediate Laboratory - Photons &amp; Nucleons</b>	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	<b>PHYS</b>	<b>3970T</b>	<b>Physics Tutorial</b>	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	<b>PHYS</b>	<b>3980T</b>	<b>Physics Tutorial</b>	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	<b>PHYS</b>	<b>4021</b>	<b>Introduction to Quantum Mechanics</b>	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 Schroedinger equation (wells, barriers, tunneling); formalism of quantum mechanics (Dirac notation, state vector, representation theory, operators, bases, measurement, uncertainty principle, Hilbert space); quantum harmonic oscillator (position representation and ladder operators); central potentials and angular momentum; bound states of central potentials (spherical square well and hydrogen atom); identical particles and spin, brief treatment of single-particle theory (Hartree approximation).								
A&S	PHYS	<b>PHYS</b>	<b>4031</b>	<b>Electricity and Magnetism 1</b>	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	<b>PHYS</b>	<b>4032</b>	<b>Electricity and Magnetism 2</b>	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	<b>PHYS</b>	<b>4041</b>	<b>Mathematical Methods in Physics 1</b>	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.								

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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	<b>PHYS</b>	<b>4051</b>	<b>Modern Physics</b>	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	<b>PHYS</b>	<b>4061</b>	<b>Geometrical and Physical Optics</b>	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	<b>PHYS</b>	<b>4071</b>	<b>Computer Simulation Methods in Physics</b>	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	<b>PHYS</b>	<b>4071</b>	<b>Computer Simulation Methods in Physics</b>	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	<b>PHYS</b>	<b>4301</b>	<b>Cell and Molecular Biophysics</b>	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	<b>PHYS</b>	<b>4411</b>	<b>Electronic Device Physics</b>	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	<b>PHYS</b>	<b>4511</b>	<b>Introduction to Radiation Physics</b>	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	<b>PHYS</b>	<b>4701</b>	<b>Electronics Measurement Laboratory</b>	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	<b>PHYS</b>	<b>4711</b>	<b>Advanced Laboratory</b>	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.								
A&S	PHYS	<b>PHYS</b>	<b>4801</b>	<b>Acoustics</b>	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	<b>PHYS</b>	<b>4811</b>	<b>Dynamic Meteorology 1</b>	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	<b>PHYS</b>	<b>4812</b>	<b>Dynamic Meteorology 2</b>	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.								



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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	<b>PHYS</b>	<b>4900</b>	<b>Special Topics in Physics</b>	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	<b>PHYS</b>	<b>4930</b>	<b>Special Problems</b>	Ind Study	1 to 4	99		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: 15 Hours in PHYS								
		COURSE DESC:		Supervised research on problems of limited scope in experimental and/or theoretical physics.								
A&S	PHYS	<b>PHYS</b>	<b>4940H</b>	<b>Honors Thesis</b>	Research	1 to 6	99		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC or Dept Honors Candidacy								
		COURSE DESC:		Supervised research work in physics, astronomy, or applied physics, intended for submission for undergraduate honors.								
A&S	PHYS	<b>PHYS</b>	<b>4942</b>	<b>Undergraduate Seminar</b>	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	<b>PHYS</b>	<b>4970T</b>	<b>Physics Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC								
		COURSE DESC:		Third- and fourth-year tutorial studies in physics.								
A&S	PHYS	<b>PHYS</b>	<b>4980T</b>	<b>HTC Thesis Research</b>	Tutorial	1 to 15	60		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC								
		COURSE DESC:		HTC Thesis research								
A&S	PHYS	<b>PHYS</b>	<b>5001</b>	<b>Mechanics</b>	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	<b>PHYS</b>	<b>5011</b>	<b>Thermal Physics</b>	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	<b>PHYS</b>	<b>5021</b>	<b>Introduction to Quantum Mechanics</b>	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).								
A&S	PHYS	<b>PHYS</b>	<b>5021</b>	<b>Introduction to Quantum Mechanics</b>	Lecture	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).								
A&S	PHYS	<b>PHYS</b>	<b>5031</b>	<b>Electricity and Magnetism 1</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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.								

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A&S	PHYS	<b>PHYS</b>	<b>5032</b>	<b>Electricity and Magnetism 2</b>	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	<b>PHYS</b>	<b>5041</b>	<b>Mathematical Methods in Physics 1</b>	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	<b>PHYS</b>	<b>5041</b>	<b>Mathematical Methods in Physics 1</b>	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	<b>PHYS</b>	<b>5051</b>	<b>Modern Physics Theory and Applications</b>	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	<b>PHYS</b>	<b>5061</b>	<b>Geometrical and Physical Optics</b>	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	<b>PHYS</b>	<b>5071</b>	<b>Computer Simulation Methods in Physics</b>	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	<b>PHYS</b>	<b>5071</b>	<b>Computer Simulation Methods in Physics</b>	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	<b>PHYS</b>	<b>5101</b>	<b>Topics in Science for Elementary and Secondary Schools</b>	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	<b>PHYS</b>	<b>5301</b>	<b>Cell and Molecular Biophysics</b>	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.								
A&S	PHYS	<b>PHYS</b>	<b>5411</b>	<b>Electronic Device Physics</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>PHYS</b>	<b>5511</b>	<b>Introduction to Radiation Physics</b>	Lecture	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								

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A&S	PHYS	<b>PHYS</b>	<b>5701</b>	<b>Electronics Measurement Laboratory</b>	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	<b>PHYS</b>	<b>5801</b>	<b>Acoustics</b>	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	<b>PHYS</b>	<b>5811</b>	<b>Dynamic Meteorology 1</b>	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	<b>PHYS</b>	<b>5812</b>	<b>Dynamic Meteorology 2</b>	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	<b>PHYS</b>	<b>5900</b>	<b>Special Topics in Physics</b>	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	<b>PHYS</b>	<b>6001</b>	<b>Classical Mechanics</b>	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	<b>PHYS</b>	<b>6001</b>	<b>Classical Mechanics</b>	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	<b>PHYS</b>	<b>6002</b>	<b>Advanced Topics in Analytical Mechanics</b>	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	<b>PHYS</b>	<b>6011</b>	<b>Statistical Mechanics 1</b>	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.								
A&S	PHYS	<b>PHYS</b>	<b>6011</b>	<b>Statistical Mechanics 1</b>	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.								

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A&S	PHYS	<b>PHYS</b>	<b>6020</b>	<b>Quantum Mechanics I</b>	Discussion	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>PHYS</b>	<b>6020</b>	<b>Quantum Mechanics I</b>	Lecture	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>PHYS</b>	<b>6021</b>	<b>Quantum Mechanics 2</b>	Discussion	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: PHYS 6020 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	<b>PHYS</b>	<b>6021</b>	<b>Quantum Mechanics 2</b>	Lecture	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: PHYS 6020 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	<b>PHYS</b>	<b>6031</b>	<b>Electrodynamics 1</b>	Discussion	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: PHYS 5041 Classical electrodynamics with advanced mathematical treatment of electrostatics, magnetostatics, media polarization, Maxwell's equations in vacuo and media in addition to special relativity. Applications include boundary value problems, Green's functions, solutions of Maxwell's equations, scalar and vector potentials, plane waves and wave propagation, mechanical aspects of electromagnetic fields, radiating systems, and simple multipole radiation.								
A&S	PHYS	<b>PHYS</b>	<b>6031</b>	<b>Electrodynamics 1</b>	Lecture	5	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: PHYS 5041 Classical electrodynamics with advanced mathematical treatment of electrostatics, magnetostatics, media polarization, Maxwell's equations in vacuo and media in addition to special relativity. Applications include boundary value problems, Green's functions, solutions of Maxwell's equations, scalar and vector potentials, plane waves and wave propagation, mechanical aspects of electromagnetic fields, radiating systems, and simple multipole radiation.								
A&S	PHYS	<b>PHYS</b>	<b>6032</b>	<b>Electrodynamics 2</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Continuation of PHYS 6031 with additional applications of Maxwell's equations and special relativity. Topics covered include: electromagnetic waves in confined spatial regions; dynamics of relativistic particle and electromagnetic fields; multipole fields; collisions, energy loss, and scattering of charged particles, Cherenkov and transition radiation; bremsstrahlung, virtual quanta, radiative beta processes; and radiation damping.								
A&S	PHYS	<b>PHYS</b>	<b>6041</b>	<b>Mathematical Methods in Physics 2</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Mathematical techniques used in various subfields of Physics and Astronomy. Topics covered may include complex variables beyond 5041, Sturm-Liouville theory and orthogonal-function expansions, Green functions, properties of various special functions and their appearance in physical situations, non-linear differential equations, integral equations, Group theory, and a basic introduction to Probability and Statistics.								
A&S	PHYS	<b>PHYS</b>	<b>6201</b>	<b>General Relativity and Cosmology</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Introduction to general relativity. Topics covered include Einstein's field equations, gravitational waves, singular solutions (aka black holes), and cosmology. Emphasis will be placed on cosmological distance measurements, the expansion of the universe, formation of structure, and other observational tests of general relativity.								
A&S	PHYS	<b>PHYS</b>	<b>6601</b>	<b>Advanced Mathematical and Computational Physics</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								

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A&S	PHYS	<b>PHYS</b>	<b>6701</b>	<b>Experimental Techniques</b> ELIGIBLE GRADES: COURSE DESC:	Laboratory	1 to 4	8		N	G50		0
				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.								
A&S	PHYS	<b>PHYS</b>	<b>6741</b>	<b>Graduate Laboratory: Condensed Matter &amp; Biophysics</b> ELIGIBLE GRADES: COURSE DESC:	Laboratory	3	0		N	G50		0
				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.								
A&S	PHYS	<b>PHYS</b>	<b>6751</b>	<b>Graduate Laboratory: Nuclear and Particle</b> ELIGIBLE GRADES: COURSE DESC:	Laboratory	3	0		N	G50		0
				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.								
A&S	PHYS	<b>PHYS</b>	<b>6900</b>	<b>Special Topics in Physics</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	1 to 15	999		N	G50		0
				GEC4: A-F, REQUISITE: CR, PR Specific course content will vary with offering.								
A&S	PHYS	<b>PHYS</b>	<b>6940</b>	<b>Special Study</b> ELIGIBLE GRADES: COURSE DESC:	Research	1 to 15	990		N	G50		0
				GEC4: A-F, REQUISITE: CR, PR Supervised individual study at beginning or intermediate graduate level. Can be used for writing M.S. or M.A. paper.								
A&S	PHYS	<b>PHYS</b>	<b>6950</b>	<b>Thesis</b> ELIGIBLE GRADES: COURSE DESC:	Thesis	1 to 15	990		N	G40		0
				GEC4: A-F, REQUISITE: CR, PR Thesis writing in the chosen area of study.								
A&S	PHYS	<b>PHYS</b>	<b>7011</b>	<b>Statistical Mechanics 2</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G50		0
				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.								
A&S	PHYS	<b>PHYS</b>	<b>7021</b>	<b>Relativistic Quantum Theory and Introduction to Quantum Field Theory</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G50		0
				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.								
A&S	PHYS	<b>PHYS</b>	<b>7022</b>	<b>Quantum Many-Body Theory</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G50		0
				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.								
A&S	PHYS	<b>PHYS</b>	<b>7023</b>	<b>Quantum Field Theory</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G50		0
				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.								

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A&S	PHYS	<b>PHYS</b>	<b>7301</b>	<b>Theoretical and Computational Methods in Biological Physics</b> 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	Lecture	4	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>7401</b>	<b>Condensed Matter Physics 1</b> 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.	Lecture	4	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>7402</b>	<b>Condensed Matter Physics 2</b> 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.	Lecture	4	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>7403</b>	<b>Contemporary Topics in Condensed Matter Physics</b> 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.	Lecture	3	9		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>7411</b>	<b>The Physics of Nanostructures</b> 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.	Lecture	3	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>7421</b>	<b>Physics of Amorphous Materials</b> 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.	Lecture	3	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>7461</b>	<b>Methods in Condensed Matter Theory</b> 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.	Lecture	3	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>7501</b>	<b>Particles and Nuclei 1</b> 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.	Lecture	4	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>7502</b>	<b>Particles and Nuclei 2</b> 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.	Lecture	4	0		N	G50		0
A&S	PHYS	<b>PHYS</b>	<b>7511</b>	<b>Applied Nuclear Physics</b> 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.	Lecture	3	0		N	G50		0

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A&S	PHYS	<b>PHYS</b>	<b>7561</b>	<b>Contemporary Nuclear Theory: The Study of Strongly-interacting Matter</b>	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	<b>PHYS</b>	<b>7562</b>	<b>Particle Theory</b>	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	<b>PHYS</b>	<b>7601</b>	<b>Nonlinear Science</b>	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	<b>PHYS</b>	<b>8001</b>	<b>Colloquium</b>	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	<b>PHYS</b>	<b>8011</b>	<b>Seminar</b>	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	<b>PHYS</b>	<b>8101</b>	<b>Problems in Teaching College Physics</b>	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	<b>PHYS</b>	<b>8101</b>	<b>Problems in Teaching College Physics</b>	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	<b>PHYS</b>	<b>8201</b>	<b>Research Seminar in Astrophysics</b>	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	<b>PHYS</b>	<b>8301</b>	<b>Research Seminar Biophysics</b>	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	<b>PHYS</b>	<b>8401</b>	<b>Research Seminar in Condensed Matter Physics</b>	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.							

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A&S	PHYS	<b>PHYS</b>	<b>8501</b>	<b>Research Seminar in Nuclear and Particle Physics and Journal Club</b>	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	<b>PHYS</b>	<b>8900</b>	<b>Special Topics in Physics and Astronomy</b>	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	<b>PHYS</b>	<b>8940</b>	<b>Special Study</b>	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	<b>PHYS</b>	<b>8950</b>	<b>Doctoral Research and Dissertation</b>	Thesis	1 to 15	990		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
				Supervised individual research activities in the area of doctoral work.								
A&S	PHYS	<b>PSC</b>	<b>1000</b>	<b>Survey of Astronomy</b>	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	<b>PSC</b>	<b>1001</b>	<b>Moons and Planets: The Solar System</b>	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	<b>PSC</b>	<b>1010</b>	<b>The Physical World</b>	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	<b>PSC</b>	<b>1011</b>	<b>Physical World</b>	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	<b>PSC</b>	<b>1011</b>	<b>Physical World</b>	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	<b>PSC</b>	<b>1050</b>	<b>Color, Light, and Sound</b>	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	<b>PSC</b>	<b>1051</b>	<b>Color, Light, and Sound</b>	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.								



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A&S	PHYS	<b>PSC</b>	<b>1051</b>	<b>Color, Light, and Sound</b>	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	<b>PSC</b>	<b>1110</b>	<b>The Metric System</b>	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	<b>PSC</b>	<b>1310</b>	<b>Nano-Science and Technology</b>	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	<b>PSC</b>	<b>1350</b>	<b>Energy in a Modern World</b>	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	<b>PSC</b>	<b>1400</b>	<b>Observational Astronomy Laboratory</b>	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	<b>PSC</b>	<b>2050</b>	<b>Life on Other Worlds?</b>	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	<b>PSC</b>	<b>2900</b>	<b>Special Topics in Physical Science</b>	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	<b>PSC</b>	<b>5100</b>	<b>Preparing Science Projects for the Classroom</b>	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	<b>T3</b>	<b>4151</b>	<b>Entropy and Human Activity</b>	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	<b>T3</b>	<b>4155</b>	<b>Music Instruments and Physics</b>	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.								

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A&S	POLS	<b>POLS</b>	<b>1010</b>	<b>Politics in the United States</b>	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	<b>POLS</b>	<b>1010A</b>	<b>Honors Experience: Politics in the US</b>	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	<b>POLS</b>	<b>1500</b>	<b>Themes in Global Politics</b>	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	<b>POLS</b>	<b>1600</b>	<b>Engaging Politics</b>	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	<b>POLS</b>	<b>2000</b>	<b>American Politics, Policy, and Administration</b>	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	<b>POLS</b>	<b>2200</b>	<b>The Politics of Law</b>	Lecture	3	0	2SS	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	<b>POLS</b>	<b>2300</b>	<b>Democracies and Dictatorships Around the World</b>	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	<b>POLS</b>	<b>2500</b>	<b>International Relations</b>	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	<b>POLS</b>	<b>2700</b>	<b>Introduction to Political Theory</b>	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	<b>POLS</b>	<b>2800</b>	<b>Analyzing Politics: Applied Statistics for Government, Public, and International Affairs</b>	Laboratory	3	0	1M	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	<b>POLS</b>	<b>2800</b>	<b>Analyzing Politics: Applied Statistics for Government, Public, and International Affairs</b>	Lecture	3	0	1M	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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A&S	POLS	<b>POLS</b>	<b>2900</b>	<b>Special Topics in Political Science</b>	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	<b>POLS</b>	<b>2970T</b>	<b>Political Science Non-Thesis Tutorial First Year</b>	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	<b>POLS</b>	<b>2971T</b>	<b>Political Science Non-Thesis Tutorial</b>	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	<b>POLS</b>	<b>2980T</b>	<b>Political Science Non-Thesis Tutorial</b>	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	<b>POLS</b>	<b>2981T</b>	<b>Political Science Non-Thesis Tutorial</b>	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	<b>POLS</b>	<b>3040</b>	<b>State Politics</b>	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	<b>POLS</b>	<b>3050J</b>	<b>Writing on Political Science Topics</b>	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	<b>POLS</b>	<b>3060</b>	<b>Politics of Appalachia</b>	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	<b>POLS</b>	<b>3200</b>	<b>Urban Politics</b>	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	<b>POLS</b>	<b>3230</b>	<b>African American Politics in Theory and Practice</b>	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	<b>POLS</b>	<b>3520</b>	<b>International Peace</b>	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	<b>POLS</b>	<b>3540</b>	<b>Different Approaches to American Foreign Policy</b>	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.								

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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	<b>POLS</b>	<b>3700</b>	<b>The Enlightenment and its Critics</b>	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	<b>POLS</b>	<b>3750</b>	<b>Politics and Film</b>	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	<b>POLS</b>	<b>3970T</b>	<b>Political Science Non-Thesis Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC								
		COURSE DESC:		CR, PR Honors tutorial on topics in political science.								
A&S	POLS	<b>POLS</b>	<b>3980T</b>	<b>Political Science Non-Thesis Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC								
		COURSE DESC:		CR, PR Honors tutorial on topics in political science.								
A&S	POLS	<b>POLS</b>	<b>4010</b>	<b>American Constitutional Law</b>	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	<b>POLS</b>	<b>4015</b>	<b>Constitutional Politics</b>	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	<b>POLS</b>	<b>4040</b>	<b>Civil Liberties</b>	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	<b>POLS</b>	<b>4050</b>	<b>American Political Parties</b>	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	<b>POLS</b>	<b>4060</b>	<b>Elections and Campaigns</b>	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	<b>POLS</b>	<b>4062</b>	<b>American Voting Behavior</b>	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	<b>POLS</b>	<b>4065</b>	<b>Public Opinion, Political Participation, and Protest</b>	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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A&S	POLS	<b>POLS</b>	<b>4067</b>	<b>Women and Politics</b>	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	<b>POLS</b>	<b>4070</b>	<b>Strategic Decision-Making</b>	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	<b>POLS</b>	<b>4100</b>	<b>Public Policy Analysis</b>	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	<b>POLS</b>	<b>4145</b>	<b>Policy Implementation and Evaluation</b>	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	<b>POLS</b>	<b>4150</b>	<b>The American Presidency</b>	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	<b>POLS</b>	<b>4151</b>	<b>Politics of Taxation</b>	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	<b>POLS</b>	<b>4152</b>	<b>Public Sector Cost Accounting</b>	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	<b>POLS</b>	<b>4155</b>	<b>The White House: Management and Administration</b>	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	<b>POLS</b>	<b>4160</b>	<b>Legislative Processes</b>	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	<b>POLS</b>	<b>4180</b>	<b>Interest Groups in American Politics</b>	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	<b>POLS</b>	<b>4190</b>	<b>LGBTQ Politics</b>	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	<b>POLS</b>	<b>4210</b>	<b>The Politics of Law and Sexuality</b>	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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A&S	POLS	<b>POLS</b>	<b>4225</b>	<b>Law and Colonialism</b>	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	<b>POLS</b>	<b>4230</b>	<b>Political Leadership</b>	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	<b>POLS</b>	<b>4240</b>	<b>American Federalism and Public Policy</b>	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	<b>POLS</b>	<b>4250</b>	<b>Environmental and Climate Change Politics and Policy</b>	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	<b>POLS</b>	<b>4260</b>	<b>Politics of the Contemporary Environmental Movement</b>	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	<b>POLS</b>	<b>4270</b>	<b>Theories of American Foreign Policy</b>	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	<b>POLS</b>	<b>4280</b>	<b>Politics and Science in the United States</b>	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	<b>POLS</b>	<b>4300</b>	<b>Politics in Western Europe</b>	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	<b>POLS</b>	<b>4310</b>	<b>Politics in Eastern Europe</b>	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	<b>POLS</b>	<b>4340</b>	<b>Government and Politics of Latin America</b>	Lecture	3	0		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	<b>POLS</b>	<b>4360</b>	<b>Government and Politics of Brazil</b>	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	<b>POLS</b>	<b>4370</b>	<b>Government and Politics in Britain</b>	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	<b>POLS</b>	<b>4380</b>	<b>Government and Politics in Germany</b>	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								

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A&S	POLS	<b>POLS</b>	<b>4390</b>	<b>Government and Politics in France</b>	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	<b>POLS</b>	<b>4400</b>	<b>The Politics of Developing Areas</b>	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	<b>POLS</b>	<b>4410</b>	<b>African Politics</b>	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	<b>POLS</b>	<b>4415</b>	<b>Religion and Global Politics</b>	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	<b>POLS</b>	<b>4420</b>	<b>Middle East Politics</b>	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	<b>POLS</b>	<b>4420A</b>	<b>Honors Experience: Middle East Politics</b>	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	<b>POLS</b>	<b>4440</b>	<b>East Asia in World Politics</b>	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	<b>POLS</b>	<b>4450</b>	<b>Government and Politics of Japan</b>	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	<b>POLS</b>	<b>4460</b>	<b>Government and Politics of China</b>	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	<b>POLS</b>	<b>4465</b>	<b>Gandhi and King: Nonviolence as Philosophy and Strategy</b>	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	<b>POLS</b>	<b>4470</b>	<b>Government and Politics of Southeast Asia</b>	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	<b>POLS</b>	<b>4480</b>	<b>Comparative Public Policy</b>	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	<b>POLS</b>	<b>4490</b>	<b>Nationalism/Ethnic Conflict</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	POLS 1500 or POLS 2300 or POLS 2500 or permission required						
		COURSE DESC:		Examines the nature of nationalism and its sources. Considers the nature of state boundaries and the political contention that can lead to violence based on national identity. Explores the means to resolve or prevent such conflicts.								

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A&S	POLS	<b>POLS</b>	<b>4495</b>	<b>The Challenges of Democratization</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr or Permission Required						
		COURSE DESC:		Focuses on the process of democratization in historical and comparative perspective. Topics include historical and contemporary debates over the meaning of democracy and how to qualitatively and quantitatively "measure" democracy; the major theories of democratization, democratic transition, and consolidation; trends in authoritarian efforts to limit or prevent democratization; the theory and practice of institutional design in new democracies; case studies of successful and failed democratization.								
A&S	POLS	<b>POLS</b>	<b>4497</b>	<b>Capitalism and Democracy</b>	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	<b>POLS</b>	<b>4505H</b>	<b>Honors Seminar</b>	Seminar	3	0		I	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required and POLS major						
		COURSE DESC:		Seminar on selected topics in political science and preparation and research for writing an honors thesis.								
A&S	POLS	<b>POLS</b>	<b>4506H</b>	<b>Honors Thesis in Political Science</b>	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	<b>POLS</b>	<b>4550</b>	<b>International Law</b>	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	<b>POLS</b>	<b>4555</b>	<b>Transitional Justice</b>	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	<b>POLS</b>	<b>4560</b>	<b>International Organization</b>	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	<b>POLS</b>	<b>4565</b>	<b>International Human Rights</b>	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	<b>POLS</b>	<b>4570</b>	<b>National Security in the Contemporary Era</b>	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	<b>POLS</b>	<b>4580</b>	<b>Introduction to War and its Causes</b>	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.								
A&S	POLS	<b>POLS</b>	<b>4590</b>	<b>Terrorism</b>	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.								



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A&S	POLS	<b>POLS</b>	<b>4600</b>	<b>International Political Economy</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 6 Hours in POLS								
				Examines the politics of the world economy. Topics covered include the politics of international trade, the politics of the international monetary system, and international cooperation.								
A&S	POLS	<b>POLS</b>	<b>4630</b>	<b>African International Relations</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: POLS 2500 or 3540								
				Overview of political, economic, and social issues that shape the external relations of African nations, and of non-state and international participants in these relations.								
A&S	POLS	<b>POLS</b>	<b>4640</b>	<b>Global Humanitarianism</b>	Seminar	3	0	BER	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 6 hours in POLS or (Jr or Sr)								
				This course draws upon a variety of interdisciplinary materials that examine 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	<b>POLS</b>	<b>4650</b>	<b>Global Media Politics</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 6 hours in POLS or (Jr or Sr)								
				This course studies mediated communication in global politics, including both the impact of mass media on the foreign policies of states and the more recent use of social media by state and non-state actors. Readings and discussions address the role of mediated communication in public opinion, political mobilization, citizenship, identity, global justice, and democratic deliberation. The course uses historical and contemporary case studies germane to the study of international politics, including major wars, revolutionary movements, breaches of state secrecy and cybersecurity, Internet freedom, and efforts to promote global political dialogue. Students consider both tendencies of mediated communication to sow enmity and conflict and opposing trends toward universal connectivity and transnational citizenship.								
A&S	POLS	<b>POLS</b>	<b>4700</b>	<b>Democratic Theories and Practices</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 6 Hours in POLS								
				Placing contemporary democracies in both historical and comparative context, examines the relationship between legitimacy, authority, participation and voice. Central focus is the 'edges' or boundaries of democracies: is there a private realm at the edge of democracy? How is it established? What is democracy's jurisdiction? There are margins within and outside of a democratic community, where lines between insiders and outsiders are drawn and redrawn. How do location and membership shape our practices of democratic responsibility? What is the relationship between injustice and democracy?								
A&S	POLS	<b>POLS</b>	<b>4705</b>	<b>The Politics of Rights</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 6 Hours in POLS								
				There are few legal, normative, and political issues more important than the efforts and struggles surrounding rights. It could be argued that the emergence of democratic political systems rested much of their legitimacy upon the claim that they guaranteed certain fundamental rights for citizens. Course examines the multifaceted character of rights discourse and struggles. The varied origins of rights narratives will be explored, as well as the controversies over the extension and effectiveness of rights to diverse populations. Students think critically about the rights they take for granted as well as the rights yet to be granted, to themselves and/or others.								
A&S	POLS	<b>POLS</b>	<b>4710</b>	<b>Contemporary Radical and Critical Theories</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: POLS 2700								
				Examines contemporary political and social theories that have been critical of historically hegemonic ideas and regimes. Begins with theories that assume a relationship between knowledge and power, and also between theory and practice. Includes expansive concepts of politics that go beyond government. Theories such as Marxism, psychoanalysis, structuralism and post-structuralism, deconstruction, feminism, anarchism, animal rights, critical race theory and postcolonial theory may be examined.								
A&S	POLS	<b>POLS</b>	<b>4720</b>	<b>Resistance, Reform, and Revolution</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 6 Hours in POLS								
				Explores the intertwined character of power and resistance. In the process, gain both an understanding of forms of power and resistance in everyday life, and to use such an understanding to negotiate the power in our own lives. Also explores how power is not only prohibitive, but productive; and attempts to figure out what that means for our quests to live good lives and to experience freedom.								
A&S	POLS	<b>POLS</b>	<b>4730</b>	<b>Animal/Human/Machine</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: POLS 2700 or permission required								
				Political theorists are concerned with concepts of political agency. How does political action occur? Who can be political? What are the terms of political discourse? During the past 10-15 years, a "post-humanist" discourse has emerged. This has come from two main sources. First, a whole 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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A&S	POLS	<b>POLS</b>	<b>4738</b>	<b>The Politics of Race in Global Context</b>	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	<b>POLS</b>	<b>4739</b>	<b>Politics of Race</b>	Lecture	3	0		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	<b>POLS</b>	<b>4740</b>	<b>Sexuality and Queer Theories</b>	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	<b>POLS</b>	<b>4751</b>	<b>Critical Race Theory</b>	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	<b>POLS</b>	<b>4752</b>	<b>The Politics of Intersectionality</b>	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	<b>POLS</b>	<b>4753</b>	<b>American Whiteness</b>	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	<b>POLS</b>	<b>4754</b>	<b>Black Political Thought</b>	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	<b>POLS</b>	<b>4755</b>	<b>Latinos and Politics</b>	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.								

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A&S	POLS	<b>POLS</b>	<b>4756</b>	<b>The Politics of Visibility</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 6 Hours in AAS or 6 hours in POLS or 6 hours in WGS								
				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	<b>POLS</b>	<b>4757</b>	<b>Race, Violence and Human Security</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 6 Hours in AAS or 6 hours in POLS or 6 hours in WGS								
				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	<b>POLS</b>	<b>4758</b>	<b>Race and Public Policy in Comparative Perspective</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 6 Hours in AAS or 6 hours in POLS or 6 hours in WGS								
				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	<b>POLS</b>	<b>4759</b>	<b>Interracial Transgressions</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 6 Hours in AAS or 6 hours in POLS or 6 hours in WGS								
				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	<b>POLS</b>	<b>4760</b>	<b>American Political Thought</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 9 Hours in POLS								
				Origin and development of political ideas in the U.S. experience.								
A&S	POLS	<b>POLS</b>	<b>4765</b>	<b>Postcolonial Politics</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 6 hours in POLS or (Jr or Sr)								
				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	<b>POLS</b>	<b>4770</b>	<b>Legal Theory and Social Problems</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 6 Hours in POLS								
				Examination of legal reasoning and normative values of judges, lawyers, and legal theorists, in shaping legal solutions to contemporary social problems.								
A&S	POLS	<b>POLS</b>	<b>4780</b>	<b>Feminist Political Theories and Movements</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: POLS 2700 and WGSS 1000								
				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	<b>POLS</b>	<b>4805</b>	<b>Political Science Fiction</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 9 Hours in POLS including (POLS 2000 or 2300 or 2500 or 2700)								
				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	<b>POLS</b>	<b>4810</b>	<b>Politics and Comics</b>	Seminar	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Senior and 9 hours of POLS credit								
				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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COURSE LISTING  
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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	<b>POLS</b>	<b>4830</b>	<b>Introduction to Research Design</b>	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	<b>POLS</b>	<b>4840</b>	<b>The Politics of Sustainability</b>	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	<b>POLS</b>	<b>4880</b>	<b>Environmental and Public Policy Dispute Resolution</b>	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	<b>POLS</b>	<b>4900</b>	<b>Special Topics in Political Science</b>	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	<b>POLS</b>	<b>4901</b>	<b>Special Topics in American Politics</b>	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	<b>POLS</b>	<b>4902</b>	<b>Special Topics in Law and Politics</b>	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	<b>POLS</b>	<b>4903</b>	<b>Special Topics in Political Theory</b>	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	<b>POLS</b>	<b>4904</b>	<b>Special Topics in International Relations</b>	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	<b>POLS</b>	<b>4905</b>	<b>Special Topics in Comparative Politics</b>	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	<b>POLS</b>	<b>4910</b>	<b>Public Affairs Internship</b>	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	<b>POLS</b>	<b>4911</b>	<b>International Internship</b>	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	<b>POLS</b>	<b>4931</b>	<b>Independent Study in American Politics</b>	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	<b>POLS</b>	<b>4932</b>	<b>Independent Study in Law and Politics</b>	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	<b>POLS</b>	<b>4933</b>	<b>Independent Study in Political Theory</b>	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.								

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A&S	POLS	<b>POLS</b>	<b>4934</b>	<b>Independent Study in International Relations</b>	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	<b>POLS</b>	<b>4935</b>	<b>Independent Study in Comparative Politics</b>	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	<b>POLS</b>	<b>4941</b>	<b>Research in American Politics</b>	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	<b>POLS</b>	<b>4942</b>	<b>Research in Law and Politics</b>	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	<b>POLS</b>	<b>4943</b>	<b>Research in Political Theory</b>	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	<b>POLS</b>	<b>4944</b>	<b>Research in International Relations</b>	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	<b>POLS</b>	<b>4945</b>	<b>Research in Comparative Politics</b>	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	<b>POLS</b>	<b>4961</b>	<b>International Internship Seminar</b>	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	<b>POLS</b>	<b>4970T</b>	<b>Political Science Thesis Tutorial</b>	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	<b>POLS</b>	<b>4980T</b>	<b>Political Science Thesis Tutorial</b>	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	<b>POLS</b>	<b>5010</b>	<b>American Constitutional Law</b>	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	<b>POLS</b>	<b>5015</b>	<b>Constitutional Politics</b>	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	<b>POLS</b>	<b>5040</b>	<b>Civil Liberties</b>	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.								

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A&S	POLS	<b>POLS</b>	<b>5050</b>	<b>American Political Parties</b>	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	<b>POLS</b>	<b>5060</b>	<b>Elections and Campaigns</b>	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	<b>POLS</b>	<b>5061</b>	<b>Politics of Appalachia</b>	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	<b>POLS</b>	<b>5062</b>	<b>American Voting Behavior</b>	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	<b>POLS</b>	<b>5065</b>	<b>Public Opinion, Political Participation, and Protest</b>	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	<b>POLS</b>	<b>5067</b>	<b>Women and Politics</b>	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	<b>POLS</b>	<b>5151</b>	<b>Politics of Taxation</b>	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	<b>POLS</b>	<b>5152</b>	<b>Public Sector Cost Accounting</b>	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	<b>POLS</b>	<b>5155</b>	<b>The White House: Management and Administration</b>	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	<b>POLS</b>	<b>5180</b>	<b>Interest Groups in American Politics</b>	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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A&S	POLS	<b>POLS</b>	<b>5190</b>	<b>LGBTQ Politics</b>	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	<b>POLS</b>	<b>5210</b>	<b>The Politics of Law and Sexuality</b>	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	<b>POLS</b>	<b>5225</b>	<b>Law and Colonialism</b>	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	<b>POLS</b>	<b>5230</b>	<b>Political Leadership</b>	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	<b>POLS</b>	<b>5240</b>	<b>American Federalism and Public Policy</b>	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	<b>POLS</b>	<b>5250</b>	<b>Environmental and Climate Change Politics and Policy</b>	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	<b>POLS</b>	<b>5260</b>	<b>Politics of the Contemporary Environmental Movement</b>	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	<b>POLS</b>	<b>5270</b>	<b>Theories of American Foreign Policy</b>	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	<b>POLS</b>	<b>5300</b>	<b>Politics in Western Europe</b>	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	<b>POLS</b>	<b>5310</b>	<b>Politics in Eastern Europe</b>	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	<b>POLS</b>	<b>5340</b>	<b>Government and Politics of Latin America</b>	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.								

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A&S	POLS	<b>POLS</b>	<b>5360</b>	<b>Government and Politics of Brazil</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Surveys the politics and political institutions of Brazil. Includes an examination of the major historical developments in Brazilian politics; the country's governmental structure and political processes; the challenges and opportunities facing today's Brazil.								
A&S	POLS	<b>POLS</b>	<b>5370</b>	<b>Government and Politics in Britain</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR A study of the major political processes, personalities, and institutions of British government, including key foreign policy issues.								
A&S	POLS	<b>POLS</b>	<b>5380</b>	<b>Government and Politics in Germany</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Major political processes, personalities, and institutions of contemporary Germany, including key foreign policy issues								
A&S	POLS	<b>POLS</b>	<b>5390</b>	<b>Government and Politics in France</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Major political processes, personalities, ideas, and institutions of modern France.								
A&S	POLS	<b>POLS</b>	<b>5400</b>	<b>The Politics of Developing Areas</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Major theories and problems of political, sociocultural, and economic development in new states of Asia, Africa, and Latin America, with special emphasis on heritage of colonialism, struggle for independence, and political adjustments to rapid social and technological change.								
A&S	POLS	<b>POLS</b>	<b>5410</b>	<b>African Politics</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Development and structure of modern African states with emphasis on political processes in tropical Africa.								
A&S	POLS	<b>POLS</b>	<b>5415</b>	<b>Religion and Global Politics</b>	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	<b>POLS</b>	<b>5420</b>	<b>Middle East Politics</b>	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	<b>POLS</b>	<b>5440</b>	<b>East Asia in World Politics</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Examines the evolution of East Asia in world politics in the postwar era, including both the historical antecedents and alternative theoretical perspectives, as well as a variety of contemporary, political, economic, and security issues related to this region.								
A&S	POLS	<b>POLS</b>	<b>5450</b>	<b>Government and Politics of Japan</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Political institutions and processes of Japan with emphasis on developments since 1945.								
A&S	POLS	<b>POLS</b>	<b>5460</b>	<b>Government and Politics of China</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Political institutions and processes and major political developments in China, with emphasis on recent events.								



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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	<b>POLS</b>	<b>5470</b>	<b>Government and Politics of Southeast Asia</b>	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	<b>POLS</b>	<b>5480</b>	<b>Comparative Public Policy</b>	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	<b>POLS</b>	<b>5490</b>	<b>Nationalism/Ethnic Conflict</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Examines the nature of nationalism and its sources. Considers the nature of state boundaries and the political contention that can lead to violence based on national identity. Explores the means to resolve or prevent such conflicts.								
A&S	POLS	<b>POLS</b>	<b>5495</b>	<b>The Challenges of Democratization</b>	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	<b>POLS</b>	<b>5497</b>	<b>Capitalism and Democracy</b>	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	<b>POLS</b>	<b>5550</b>	<b>International Law</b>	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	<b>POLS</b>	<b>5555</b>	<b>Transitional Justice</b>	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	<b>POLS</b>	<b>5560</b>	<b>International Organization</b>	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	<b>POLS</b>	<b>5565</b>	<b>International Human Rights</b>	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.								

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A&S	POLS	<b>POLS</b>	<b>5570</b>	<b>National Security in the Contemporary Era</b>	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	<b>POLS</b>	<b>5580</b>	<b>Introduction to War and its Causes</b>	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	<b>POLS</b>	<b>5590</b>	<b>Terrorism</b>	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	<b>POLS</b>	<b>5600</b>	<b>International Political Economy</b>	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	<b>POLS</b>	<b>5630</b>	<b>African International Relations</b>	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	<b>POLS</b>	<b>5640</b>	<b>Global Humanitarianism</b>	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	<b>POLS</b>	<b>5650</b>	<b>Global Media Politics</b>	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	<b>POLS</b>	<b>5700</b>	<b>Democratic Theories and Practices</b>	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	<b>POLS</b>	<b>5705</b>	<b>The Politics of Rights</b>	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.								

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A&S	POLS	<b>POLS</b>	<b>5710</b>	<b>Contemporary Radical and Critical Theories</b>	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	<b>POLS</b>	<b>5720</b>	<b>Resistance, Reform, and Revolution</b>	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	<b>POLS</b>	<b>5730</b>	<b>Animal/Human/Machine</b>	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	<b>POLS</b>	<b>5738</b>	<b>The Politics of Race in Global Context</b>	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	<b>POLS</b>	<b>5739</b>	<b>Politics of Race</b>	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	<b>POLS</b>	<b>5740</b>	<b>Sexuality and Queer Theories</b>	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	<b>POLS</b>	<b>5750</b>	<b>Politics and Film</b>	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	<b>POLS</b>	<b>5751</b>	<b>Critical Race Theory</b>	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.								

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A&S	POLS	<b>POLS</b>	<b>5752</b>	<b>The Politics of Intersectionality</b>	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	<b>POLS</b>	<b>5753</b>	<b>American Whiteness</b>	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	<b>POLS</b>	<b>5754</b>	<b>Black Political Thought</b>	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	<b>POLS</b>	<b>5755</b>	<b>Latinos and Politics</b>	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	<b>POLS</b>	<b>5756</b>	<b>The Politics of Visibility</b>	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	<b>POLS</b>	<b>5757</b>	<b>Race, Violence and Human Security</b>	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	<b>POLS</b>	<b>5758</b>	<b>Race and Public Policy in Comparative Perspective</b>	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.								

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A&S	POLS	<b>POLS</b>	<b>5759</b>	<b>Interracial Transgressions</b>	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	<b>POLS</b>	<b>5760</b>	<b>American Political Thought</b>	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	<b>POLS</b>	<b>5765</b>	<b>Postcolonial Politics</b>	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	<b>POLS</b>	<b>5770</b>	<b>Legal Theory and Social Problems</b>	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	<b>POLS</b>	<b>5780</b>	<b>Feminist Political Theories and Movements</b>	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	<b>POLS</b>	<b>5800</b>	<b>Program Evaluation</b>	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	<b>POLS</b>	<b>5805</b>	<b>Political Science Fiction</b>	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 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	<b>POLS</b>	<b>5830</b>	<b>Introduction to Research Design</b>	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	<b>POLS</b>	<b>5840</b>	<b>The Politics of Sustainability</b>	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.								

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A&S	POLS	<b>POLS</b>	<b>5880</b>	<b>Environmental and Public Policy Dispute Resolution</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:							
		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	<b>POLS</b>	<b>5900</b>	<b>Special Topics in Political Science</b>	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.								
A&S	POLS	<b>POLS</b>	<b>5901</b>	<b>Special Topics in American Politics</b>	Lecture	4	99		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:							
		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	<b>POLS</b>	<b>5902</b>	<b>Special Topics in Law and Politics</b>	Lecture	4	99		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:							
		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	<b>POLS</b>	<b>5903</b>	<b>Special Topics in Political Theory</b>	Lecture	4	99		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:							
		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	<b>POLS</b>	<b>5904</b>	<b>Special Topics in International Relations</b>	Lecture	4	99		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:							
		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	<b>POLS</b>	<b>5905</b>	<b>Special Topics in Comparative Politics</b>	Lecture	4	99		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:							
		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	<b>POLS</b>	<b>5910</b>	<b>Public Affairs Internship</b>	Internship	1 to 12	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:							
		COURSE DESC:		Provides qualified students with the opportunity to learn through working in selected public and private agencies related to public affairs.								
A&S	POLS	<b>POLS</b>	<b>5931</b>	<b>Independent Study in American Politics</b>	Ind Study	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	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	<b>POLS</b>	<b>5932</b>	<b>Independent Study in Law and Politics</b>	Ind Study	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	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	<b>POLS</b>	<b>5933</b>	<b>Independent Study in Political Theory</b>	Ind Study	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE: Permission required							
		COURSE DESC:		Independent study designed to expand understanding in a selected area of political theory not covered in regular course offerings								
A&S	POLS	<b>POLS</b>	<b>5934</b>	<b>Independent Study in International Relations</b>	Ind Study	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE: Permission required							
		COURSE DESC:		Independent study designed to expand understanding in a selected area of international relations not covered in regular course offerings.								

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A&S	POLS	<b>POLS</b>	<b>5935</b>	<b>Independent Study in Comparative Politics</b>	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	<b>POLS</b>	<b>5941</b>	<b>Research in American Politics</b>	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	<b>POLS</b>	<b>5942</b>	<b>Research in Law and Politics</b>	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	<b>POLS</b>	<b>5943</b>	<b>Research in Political Theory</b>	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	<b>POLS</b>	<b>5944</b>	<b>Research in International Relations</b>	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	<b>POLS</b>	<b>5945</b>	<b>Research in Comparative Politics</b>	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	<b>POLS</b>	<b>6000</b>	<b>Seminar in Political Science Scope and Theory</b>	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	<b>POLS</b>	<b>6010</b>	<b>Seminar in Quantitative Research Methods</b>	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	<b>POLS</b>	<b>6020</b>	<b>Advanced Quantitative Research Methods</b>	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	<b>POLS</b>	<b>6020</b>	<b>Advanced Quantitative Research Methods</b>	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	<b>POLS</b>	<b>6100</b>	<b>Seminar in American Politics</b>	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	<b>POLS</b>	<b>6120</b>	<b>Seminar in American Politics II: Executive &amp; Legislative Institutions</b>	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.								

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A&S	POLS	<b>POLS</b>	<b>6300</b>	<b>Seminar in Comparative Politics</b>	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	<b>POLS</b>	<b>6500</b>	<b>Seminar in International Politics</b>	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	<b>POLS</b>	<b>6600</b>	<b>Seminar in Law and Politics</b>	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	<b>POLS</b>	<b>6700</b>	<b>Seminar in Political Theory</b>	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	<b>POLS</b>	<b>6900</b>	<b>Special Topics in Political Science</b>	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	<b>POLS</b>	<b>6950</b>	<b>POLS Master's Thesis</b>	Thesis	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Research, writing, and preparing a Master's thesis.								
A&S	POLS	<b>T3</b>	<b>4850</b>	<b>Sustainability Citizenship</b>	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.								



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A&S	PSY	<b>PSY</b>	<b>1010</b>	<b>General Psychology</b>	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	<b>PSY</b>	<b>1090</b>	<b>Optimizing Your Psychology Major</b>	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	<b>PSY</b>	<b>1110</b>	<b>Elementary Statistical Reasoning</b>	Lecture	3	0	1M; FQR	N	U10		0
		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	<b>PSY</b>	<b>1110L</b>	<b>Support for Elementary Statistical Reasoning</b>	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
		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	<b>PSY</b>	<b>1900</b>	<b>Special Topics in Applied Psychology</b>	Seminar	1	3		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
		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	<b>PSY</b>	<b>2110</b>	<b>Statistics for the Behavioral Sciences</b>	Lecture	4	0	1M; FQR	N	U10	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(PSY 1110 or MATH 1200 or MATH 1300 or MATH 2301 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.						
		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	<b>PSY</b>	<b>2111</b>	<b>Statistics for the Behavioral Sciences I</b>	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	<b>PSY</b>	<b>2112</b>	<b>Statistics for the Behavioral Sciences II</b>	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	<b>PSY</b>	<b>2120</b>	<b>Research Methods in Psychology</b>	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	<b>PSY</b>	<b>2201A</b>	<b>Honors Experience: Physiological Psychology</b>	Ind Study	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F,	REQUISITE:	PSY 2210 concurrently and Ohio Honors student						
		COURSE DESC:		OHIO Honors curricular experience in Physiological Psychology								
A&S	PSY	<b>PSY</b>	<b>2210</b>	<b>Physiological Psychology</b>	Lecture	3	0	ACNW	N	U30		0
		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.								

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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	<b>PSY</b>	<b>2210A</b>	<b>Honors Experience: Physiological Psychology</b>	Ind Study	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC								
		COURSE DESC:		OHIO Honors curricular experience in Physiological Psychology								
A&S	PSY	<b>PSY</b>	<b>2310</b>	<b>Cognitive Psychology</b>	Lecture	3	0	ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PSY101D or 1010 and (1110 or 2110 or MATH2500)								
		COURSE DESC:		Theoretical and experimental investigations of learning in human beings: concept learning, problem solving, memory, motor skills, and language.								
A&S	PSY	<b>PSY</b>	<b>2410</b>	<b>Child and Adolescent Psychology</b>	Lecture	3	0	ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PSY101D or 1010 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): EDEC 1600 or EDEL 2000								
		COURSE DESC:		Basic principles of human development from the prenatal period through adolescence. Theory and literature on physical, cognitive, and socioemotional development. No credit awarded if HCCF 1600 or EDEL 2000 has been taken. Will not count toward requirements for Education majors.								
A&S	PSY	<b>PSY</b>	<b>2420</b>	<b>Educational Psychology</b>	Lecture	3	0	ACNW	N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PSY 1010 and WARNING: not EDHP 2700 or EDTE 2000								
		COURSE DESC:		Applications of psychological theories and models to educational settings (emphasis on schools). Major topics include goals of education; cognitive, social, and affective development in children; cognitive and behavioral models of learning; motivation; individual differences; effects of social class, ethnicity, gender, and cultural deprivation on learning and development; tests and evaluation. Emphasis is on the role of teachers and parents as facilitators of learning and development. No credit awarded if EDCI 2700 OR EDTE 2000 has been taken.								
A&S	PSY	<b>PSY</b>	<b>2510</b>	<b>Social Psychology</b>	Lecture	3	0	ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PSY 1010								
		COURSE DESC:		Theory and research on the ways that people think about, influence, and relate to one another. Specific topics include attitudes and behavior, social perception and cognition, conformity, persuasion, group influence, aggression, attraction, and helping behavior.								
A&S	PSY	<b>PSY</b>	<b>2540</b>	<b>Psychology of Peace and Cooperation</b>	Discussion	3	0	2SS; ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PSY 1010								
		COURSE DESC:		This lecture- and discussion-based course introduces undergraduate students to the ways in which psychology can be used to further the study of peace between individuals, groups, and societies. The course is divided into five sections: (1) What psychology can contribute to the study of peace; (2) The psychology of peace at the individual/dispositional level; (3) The psychology of peace at the interpersonal/relational level; (4) The psychology of peace at the intergroup/collective level; and (5) Achieving peace and building cooperation in society. Students gain a greater appreciation of both psychological theories related to peace and application of these theories to real-world issues (e.g., how peace can actually be achieved).								
A&S	PSY	<b>PSY</b>	<b>2540</b>	<b>Psychology of Peace and Cooperation</b>	Lecture	3	0	2SS; ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PSY 1010								
		COURSE DESC:		This lecture- and discussion-based course introduces undergraduate students to the ways in which psychology can be used to further the study of peace between individuals, groups, and societies. The course is divided into five sections: (1) What psychology can contribute to the study of peace; (2) The psychology of peace at the individual/dispositional level; (3) The psychology of peace at the interpersonal/relational level; (4) The psychology of peace at the intergroup/collective level; and (5) Achieving peace and building cooperation in society. Students gain a greater appreciation of both psychological theories related to peace and application of these theories to real-world issues (e.g., how peace can actually be achieved).								
A&S	PSY	<b>PSY</b>	<b>2710</b>	<b>Psychopathology</b>	Lecture	3	0	ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PSY 1010								
		COURSE DESC:		Development, presentation, and assessment of psychological disorders, with evaluation of major etiological theories and research findings.								
A&S	PSY	<b>PSY</b>	<b>2720</b>	<b>Psychology of Personality</b>	Lecture	3	0	ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PSY 1010								
		COURSE DESC:		Development, organization, and assessment of personality, with evaluation of major theoretical perspectives and research on personality.								
A&S	PSY	<b>PSY</b>	<b>2900</b>	<b>Special Topics in Psychology</b>	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	PSY	<b>PSY</b>	<b>2970T</b>	<b>Psychology Tutorial</b>	Tutorial	1 to 12	24		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR								
		COURSE DESC:		Tutorial experience on a wide range of topics.								
A&S	PSY	<b>PSY</b>	<b>2971T</b>	<b>Psychology Tutorial</b>	Tutorial	1 to 12	24		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR								
		COURSE DESC:		Tutorial experience on a wide range of topics.								

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A&S	PSY	<b>PSY</b>	<b>2980T</b>	<b>Psychology Tutorial</b>	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	<b>PSY</b>	<b>2981T</b>	<b>Psychology Tutorial</b>	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	<b>PSY</b>	<b>3110</b>	<b>Advanced Statistics for the Behavioral Sciences</b>	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	<b>PSY</b>	<b>3120</b>	<b>Tests and Measurements</b>	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	<b>PSY</b>	<b>3210</b>	<b>Sensation and Perception</b>	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	<b>PSY</b>	<b>3220</b>	<b>Learning</b>	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	<b>PSY</b>	<b>3230</b>	<b>Comparative Psychology</b>	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	<b>PSY</b>	<b>3240</b>	<b>Human Psychophysiology</b>	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	<b>PSY</b>	<b>3250</b>	<b>Psychology of Health and Illness</b>	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	<b>PSY</b>	<b>3310</b>	<b>Human Memory</b>	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	<b>PSY</b>	<b>3320</b>	<b>Psycholinguistics</b>	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	<b>PSY</b>	<b>3330</b>	<b>Human Judgment and Decision Making</b>	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	<b>PSY</b>	<b>3410</b>	<b>Behavior Genetics and Individual Differences</b>	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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A&S	PSY	<b>PSY</b>	<b>3420</b>	<b>Psychology of Adulthood and Aging</b>	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	<b>PSY</b>	<b>3430</b>	<b>Psychological Disorders of Childhood</b>	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	<b>PSY</b>	<b>3440</b>	<b>Psychology of Gender</b>	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	<b>PSY</b>	<b>3510</b>	<b>Motivation</b>	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	<b>PSY</b>	<b>3520</b>	<b>Social Psychology of Justice</b>	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	<b>PSY</b>	<b>3530</b>	<b>Psychology of Religion</b>	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	<b>PSY</b>	<b>3610</b>	<b>Survey of Industrial and Organizational Psychology</b>	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	<b>PSY</b>	<b>3620</b>	<b>Organizational Psychology</b>	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	<b>PSY</b>	<b>3630</b>	<b>Personnel Psychology</b>	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	<b>PSY</b>	<b>3640</b>	<b>Occupational Health Psychology</b>	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	<b>PSY</b>	<b>3710</b>	<b>Clinical and Counseling Psychology</b>	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	<b>PSY</b>	<b>3810</b>	<b>Environmental Psychology</b>	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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A&S	PSY	<b>PSY</b>	<b>3820</b>	<b>Sport Psychology</b>	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	<b>PSY</b>	<b>3910</b>	<b>Fieldwork in Psychology</b>	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	<b>PSY</b>	<b>3920</b>	<b>Teaching Practicum</b>	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	<b>PSY</b>	<b>3940</b>	<b>Research in Psychology</b>	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	<b>PSY</b>	<b>3970T</b>	<b>Psychology Tutorial</b>	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	<b>PSY</b>	<b>3980T</b>	<b>Psychology Tutorial</b>	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	<b>PSY</b>	<b>4010</b>	<b>History and Systems of Psychology</b>	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	<b>PSY</b>	<b>4210</b>	<b>Clinical Neuropsychology</b>	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	<b>PSY</b>	<b>4330</b>	<b>Choices &amp; Happiness</b>	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	<b>PSY</b>	<b>4410</b>	<b>Prenatal Influences on Development</b>	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	<b>PSY</b>	<b>4710</b>	<b>Psychoactive Drugs: Therapeutic Agents and Drugs of Abuse</b>	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.								

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A&S	PSY	<b>PSY</b>	<b>4720</b>	<b>Human Stress</b>	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	<b>PSY</b>	<b>4810</b>	<b>Evolutionary Psychology</b>	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	<b>PSY</b>	<b>4900</b>	<b>Special Topics in Psychology</b>	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	<b>PSY</b>	<b>4930</b>	<b>Independent Study in Psychology</b>	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	<b>PSY</b>	<b>4960H</b>	<b>Psychology Honors Seminar</b>	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	<b>PSY</b>	<b>4970H</b>	<b>Readings in Honors Work</b>	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	<b>PSY</b>	<b>4970T</b>	<b>Psychology Tutorial</b>	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	<b>PSY</b>	<b>4980H</b>	<b>Honors Work in Psychology</b>	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	<b>PSY</b>	<b>4980T</b>	<b>Psychology Tutorial</b>	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	<b>PSY</b>	<b>4990H</b>	<b>Honors Work in Psychology</b>	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	<b>PSY</b>	<b>5110</b>	<b>Statistics for the Behavioral Sciences</b>	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	<b>PSY</b>	<b>5111</b>	<b>Advanced Statistics for the Behavioral Sciences</b>	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	<b>PSY</b>	<b>5120</b>	<b>Research Methods in Psychology</b>	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	<b>PSY</b>	<b>5121</b>	<b>Tests and Measurements</b>	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	<b>PSY</b>	<b>5700</b>	<b>Clinical Orientation</b>	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	<b>PSY</b>	<b>5710</b>	<b>First-Year Seminar in Experimental Psychology</b>	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	<b>PSY</b>	<b>5900</b>	<b>Special Topics in Psychology</b>	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	<b>PSY</b>	<b>6100</b>	<b>Data Management</b>	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	<b>PSY</b>	<b>6111</b>	<b>Advanced Statistics for the Behavioral Sciences</b>	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	<b>PSY</b>	<b>6112</b>	<b>Introduction of Linear Regression Analysis</b>	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	<b>PSY</b>	<b>6115</b>	<b>Introduction to Bayesian Data Analysis</b>	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	<b>PSY</b>	<b>6120</b>	<b>Advanced Research Methods in Psychology</b>	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	<b>PSY</b>	<b>6210</b>	<b>Human Psychophysiology</b>	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	<b>PSY</b>	<b>6220</b>	<b>Physiological Psychology</b>	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.								

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A&S	PSY	<b>PSY</b>	<b>6310</b>	<b>Cognitive Processes</b>	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	<b>PSY</b>	<b>6410</b>	<b>Developmental Psychology</b>	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	<b>PSY</b>	<b>6510</b>	<b>Experimental Social Psychology</b>	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	<b>PSY</b>	<b>6610</b>	<b>Survey of Industrial and Organizational Psychology</b>	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	<b>PSY</b>	<b>6710</b>	<b>Clinical Psychopathology</b>	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	<b>PSY</b>	<b>6712</b>	<b>Psychopathology of Childhood and Adolescence</b>	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	<b>PSY</b>	<b>6720</b>	<b>Psychology of Personality</b>	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	<b>PSY</b>	<b>6730</b>	<b>Fundamentals of Clinical Assessment</b>	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	<b>PSY</b>	<b>6740</b>	<b>Fundamentals of Psychotherapy</b>	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	<b>PSY</b>	<b>6750</b>	<b>Issues in Professional Psychology</b>	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	<b>PSY</b>	<b>6760</b>	<b>Diversity Issues in Research and Clinical Practice</b>	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.								



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A&S	PSY	<b>PSY</b>	<b>6900</b>	<b>Special Topics in Psychology</b>	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	<b>PSY</b>	<b>6930</b>	<b>Readings in Psychology</b>	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	<b>PSY</b>	<b>6950</b>	<b>Thesis</b>	Thesis	1 to 8	35		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		COURSE DESC:		Develop and complete a thesis.								
A&S	PSY	<b>PSY</b>	<b>6970</b>	<b>Preparing Psychology Papers</b>	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	<b>PSY</b>	<b>6980</b>	<b>Research Seminar</b>	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	<b>PSY</b>	<b>7010</b>	<b>History and Systems of Psychology</b>	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	<b>PSY</b>	<b>7110</b>	<b>Multivariate Statistics</b>	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	<b>PSY</b>	<b>7120</b>	<b>Advanced Testing Principles</b>	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	<b>PSY</b>	<b>7130</b>	<b>Advanced Regression Analysis</b>	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	<b>PSY</b>	<b>7150</b>	<b>Structural Equation Modeling</b>	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	<b>PSY</b>	<b>7170</b>	<b>Health Statistics</b>	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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A&S	PSY	<b>PSY</b>	<b>7210</b>	<b>Neuropsychology</b>	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	<b>PSY</b>	<b>7240</b>	<b>Psychoneuroimmunology</b>	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	<b>PSY</b>	<b>7250</b>	<b>Health Psychology</b>	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	<b>PSY</b>	<b>7270</b>	<b>Psychopharmacology and Psychotherapy</b>	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	<b>PSY</b>	<b>7280</b>	<b>Pediatric Psychology</b>	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	<b>PSY</b>	<b>7280</b>	<b>Pediatric Psychology</b>	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	<b>PSY</b>	<b>7310</b>	<b>Psychophysics &amp; Theories of Perception</b>	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	<b>PSY</b>	<b>7320</b>	<b>Psycholinguistics</b>	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	<b>PSY</b>	<b>7330</b>	<b>Judgment and Decision Making</b>	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	<b>PSY</b>	<b>7340</b>	<b>Advanced Learning</b>	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.								

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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	<b>PSY</b>	<b>7350</b>	<b>Concept Learning and Categorization</b>	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	<b>PSY</b>	<b>7360</b>	<b>Mathematical Modeling of Cognition</b>	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	<b>PSY</b>	<b>7510</b>	<b>Advanced Social Psychology</b>	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	<b>PSY</b>	<b>7520</b>	<b>Social Cognition</b>	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	<b>PSY</b>	<b>7530</b>	<b>Social Psychology of the Self</b>	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	<b>PSY</b>	<b>7550</b>	<b>Motivation</b>	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	<b>PSY</b>	<b>7621</b>	<b>Organizational Psychology: Organizational Behavior</b>	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	<b>PSY</b>	<b>7623</b>	<b>Organizational Psychology: Organizational Theory</b>	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.								

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A&S	PSY	<b>PSY</b>	<b>7625</b>	<b>Employee Turnover and Retention</b>	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	<b>PSY</b>	<b>7630</b>	<b>Context Analysis</b>	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	<b>PSY</b>	<b>7631</b>	<b>Performance Appraisal and Management</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Provides student with a survey of the issues in the performance appraisal/performance management area.								
A&S	PSY	<b>PSY</b>	<b>7633</b>	<b>Selection and Placement</b>	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	<b>PSY</b>	<b>7635</b>	<b>Training &amp; Development</b>	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	<b>PSY</b>	<b>7730</b>	<b>Adult Assessment</b>	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	<b>PSY</b>	<b>7732</b>	<b>Child and Adolescent Assessment</b>	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	<b>PSY</b>	<b>7740</b>	<b>Adult Psychotherapy</b>	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	<b>PSY</b>	<b>7742</b>	<b>Child and Adolescent Therapy</b>	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	<b>PSY</b>	<b>7750</b>	<b>Interventions in Health Psychology</b>	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	<b>PSY</b>	<b>7910</b>	<b>Fieldwork in Psychology</b>	Internship	1 to 12	24		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F								
		COURSE DESC:		Supervised experience in applied setting approved by department.								
A&S	PSY	<b>PSY</b>	<b>7911</b>	<b>Practicum in Industrial and Organizational Psychology</b>	Internship	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: PSY 6112 and 6120 CR, PR								
		COURSE DESC:		Supervised field experience in organizational settings.								

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A&S	PSY	<b>PSY</b>	<b>7920</b>	<b>Clinical Practicum</b>	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	<b>PSY</b>	<b>7925</b>	<b>Advanced Clinical Practicum</b>	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	<b>PSY</b>	<b>7926</b>	<b>Practicum in Teaching of Psychology</b>	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	<b>PSY</b>	<b>7930</b>	<b>Readings in Psychology</b>	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	<b>PSY</b>	<b>7940</b>	<b>Research in Psychology</b>	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	<b>PSY</b>	<b>7960</b>	<b>Seminar in Teaching of Psychology</b>	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	<b>PSY</b>	<b>8900</b>	<b>Special Topics in Psychology</b>	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	<b>PSY</b>	<b>8901</b>	<b>Advanced Seminar in Psychology: Quantitative</b>	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	<b>PSY</b>	<b>8902</b>	<b>Advanced Seminar in Psychology: Physiological</b>	Seminar	3	21		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Course topics vary.								
A&S	PSY	<b>PSY</b>	<b>8903</b>	<b>Advanced Seminar in Psychology: Cognitive</b>	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	<b>PSY</b>	<b>8904</b>	<b>Advanced Seminar in Psychology: Developmental</b>	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Seminar contents varies.								
A&S	PSY	<b>PSY</b>	<b>8905</b>	<b>Advanced Seminar in Psychology: Social</b>	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	<b>PSY</b>	<b>8906</b>	<b>Advanced Seminar in Psychology: Industrial/Organizational</b>	Seminar	3	21		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Seminar contents varies.								

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A&S	PSY	<b>PSY</b>	<b>8907</b>	<b>Advanced Seminar in Psychology: Clinical</b>	Seminar	3	6		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Seminar contents varies.								
A&S	PSY	<b>PSY</b>	<b>8908</b>	<b>Advanced Seminar in Psychology: General</b>	Seminar	3	21		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Seminar contents varies.								
A&S	PSY	<b>PSY</b>	<b>8920</b>	<b>Clinical Supervision</b>	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	<b>PSY</b>	<b>8940</b>	<b>Research in Psychology</b>	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	<b>PSY</b>	<b>8942</b>	<b>ADVANCED SEMINAR</b>	Seminar	1 to 5	5		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:										
A&S	PSY	<b>PSY</b>	<b>8943</b>	<b>ADVANCED SEMINAR</b>	Seminar	1 to 5	5		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:										
A&S	PSY	<b>PSY</b>	<b>8944</b>	<b>ADVANCED SEMINAR</b>	Seminar	1 to 5	5		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:										
A&S	PSY	<b>PSY</b>	<b>8945</b>	<b>ADVANCED SEMINAR</b>	Seminar	1 to 5	5		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:										
A&S	PSY	<b>PSY</b>	<b>8946</b>	<b>ADVANCED SEMINAR</b>	Seminar	1 to 5	5		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:										
A&S	PSY	<b>PSY</b>	<b>8947</b>	<b>ADVANCED SEMINAR</b>	Seminar	1 to 5	5		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:										
A&S	PSY	<b>PSY</b>	<b>8948</b>	<b>ADVANCED SEMINAR</b>	Seminar	1 to 5	5		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:										
A&S	PSY	<b>PSY</b>	<b>8949</b>	<b>ADVANCED SEMINAR</b>	Seminar	1 to 5	5		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:										
A&S	PSY	<b>PSY</b>	<b>8950</b>	<b>Dissertation</b>	Thesis	1 to 15	35		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F								
		COURSE DESC:		Develop and complete a dissertation.								

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A&S	PSY	<b>T3</b>	<b>4800</b>	<b>War: Human Response</b>	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	<b>T3</b>	<b>4810</b>	<b>Pathologies of Power</b>	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.								

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A&S	SOC	<b>ANTH</b>	<b>1010</b>	<b>Introduction to Cultural Anthropology</b>	Lecture	3	0	2CP; ACNW; FIE	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Students learn about the core concepts used in cultural anthropology and how anthropologists study human cultures and societies. Consideration is given to the relevance of anthropological theories, methods, and ethics in the context of contemporary culture change, taking into account processes of colonialism, globalization, and development. Students gain an appreciation of the broader goals of cultural anthropology to record cultural patterns and behaviors, represent a variety of voices and perceptions, explain cultural processes, and demonstrate a fundamental understanding of human diversity.								
A&S	SOC	<b>ANTH</b>	<b>2010</b>	<b>Introduction to Biological Anthropology</b>	Lecture	3	0	2NS; ANW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	<b>ANTH</b>	<b>2020</b>	<b>Introduction to World Archaeology</b>	Lecture	3	0	2CP; ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	<b>ANTH</b>	<b>2700</b>	<b>Social Justice</b>	Lecture	3	0	2SS; ACNW; FIE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	<b>ANTH</b>	<b>2900</b>	<b>Special Topics in Anthropology</b>	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	<b>ANTH</b>	<b>2970T</b>	<b>Anthropology Tutorial</b>	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:				HTC				
		COURSE DESC:		CR, PR Honors Tutorial College tutorial on theories and issues in anthropology.								
A&S	SOC	<b>ANTH</b>	<b>2971T</b>	<b>Anthropology Tutorial</b>	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:				HTC				
		COURSE DESC:		CR, PR Honors Tutorial College tutorial on theories and issues in anthropology.								
A&S	SOC	<b>ANTH</b>	<b>2980T</b>	<b>Anthropology Tutorial</b>	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:				HTC				
		COURSE DESC:		CR, PR Honors Tutorial College tutorial on theories and issues in anthropology.								
A&S	SOC	<b>ANTH</b>	<b>2981T</b>	<b>Anthropology Tutorial</b>	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:				HTC				
		COURSE DESC:		CR, PR Honors Tutorial on topics in Anthropology.								
A&S	SOC	<b>ANTH</b>	<b>3010</b>	<b>Visual Anthropology</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:				ANTH 1010				
		COURSE DESC:		The use of film as a medium for recording cultural information; as a technique for observation, analysis, and interpretation of cultural information; and as a means for presenting information about cultures, human adaptation, human evolution, and anthropological research itself.								
A&S	SOC	<b>ANTH</b>	<b>3400</b>	<b>Applied Anthropology</b>	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.								



**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>ANTH</b>	<b>3450</b>	<b>Gender in Cross-Cultural Perspective</b>	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	<b>ANTH</b>	<b>3460</b>	<b>Introduction to Human Osteology</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 2010 or LET 1450 or BIOS 1710								
		COURSE DESC:		Focuses on the identification, study, and analysis of the human skeleton. Students will learn the microanatomy and macroanatomy of human bone and how skeletal remains are analyzed.								
A&S	SOC	<b>ANTH</b>	<b>3490</b>	<b>Life History: The Individual and Culture</b>	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	<b>ANTH</b>	<b>3500</b>	<b>Economic Anthropology</b>	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	<b>ANTH</b>	<b>3510</b>	<b>Political Anthropology</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010								
		COURSE DESC:		Anthropological exploration of various political systems; cross-cultural examination of political leadership, political power, and conflict. Emphasis on non-Western, non-industrialized societies.								
A&S	SOC	<b>ANTH</b>	<b>3530</b>	<b>Anthropology of Violence and Peace</b>	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	<b>ANTH</b>	<b>3540</b>	<b>Primate Behavioral Ecology</b>	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	<b>ANTH</b>	<b>3550</b>	<b>Medical Anthropology</b>	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	<b>ANTH</b>	<b>3570</b>	<b>Anthropology of Religion</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ANTH 1010								
		COURSE DESC:		Anthropological consideration of religious action, belief, and ritual in various cultures; analysis of religious movements, magic, divination, myth, trance, and prayer; analysis of religious systems from symbolic, structuralist, materialist and ecological perspectives. Comparison of different anthropological frameworks for understanding religious phenomena.								
A&S	SOC	<b>ANTH</b>	<b>3590</b>	<b>Before the Sickles and Plow: Archaeology of Foraging Societies</b>	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	<b>ANTH</b>	<b>3600</b>	<b>Origins of Food Production</b>	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	<b>ANTH</b>	<b>3610</b>	<b>North American Prehistory</b>	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.								

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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	SOC	<b>ANTH</b>	<b>3660</b>	<b>Cultures of the Americas</b>	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	<b>ANTH</b>	<b>3670</b>	<b>South American Prehistory</b>	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	<b>ANTH</b>	<b>3700</b>	<b>Mexican/Central American Prehistory</b>	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	<b>ANTH</b>	<b>3730</b>	<b>Perspectives in Anthropology</b>	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	<b>ANTH</b>	<b>3760</b>	<b>Culture Contact and Change</b>	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	<b>ANTH</b>	<b>3770</b>	<b>Peasant Communities</b>	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	<b>ANTH</b>	<b>3780</b>	<b>Human Ecology</b>	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	<b>ANTH</b>	<b>3800</b>	<b>Cultures of South Asia</b>	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	<b>ANTH</b>	<b>3810</b>	<b>Cultures of Sub-Saharan Africa</b>	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	<b>ANTH</b>	<b>3820</b>	<b>Cultures of the Mediterranean</b>	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 will include migration, religion, gender, political integration, colonialism/Empire, ethnic conflict, urban development, transnational flows.								
A&S	SOC	<b>ANTH</b>	<b>3830</b>	<b>Cultures of Latin America</b>	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	<b>ANTH</b>	<b>3850</b>	<b>Cultures of Southeast Asia</b>	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	<b>ANTH</b>	<b>3860</b>	<b>Problems in Southeast Asian Anthropology</b>	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.								

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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	<b>ANTH</b>	<b>3930</b>	<b>Readings in Anthropology</b>	Ind Study	1 to 6	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: 15 Hours in ANTH CR								
		COURSE DESC:		Supervised readings in various fields of anthropology: archaeology, ethnology, linguistics, biological anthropology.								
A&S	SOC	<b>ANTH</b>	<b>3970T</b>	<b>Anthropology Tutorial</b>	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR								
		COURSE DESC:		Honors Tutorial on topics in Anthropology.								
A&S	SOC	<b>ANTH</b>	<b>3980T</b>	<b>Anthropology Tutorial</b>	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR								
		COURSE DESC:		Honors Tutorial on topics in Anthropology.								
A&S	SOC	<b>ANTH</b>	<b>4250</b>	<b>Ethnographies of Global Capitalism</b>	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	<b>ANTH</b>	<b>4470</b>	<b>Forensic Anthropology</b>	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	<b>ANTH</b>	<b>4480</b>	<b>Blood, Bones, and Violence</b>	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	<b>ANTH</b>	<b>4520</b>	<b>Anthropological Archaeology</b>	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	<b>ANTH</b>	<b>4560</b>	<b>Ethnographic Methods</b>	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	<b>ANTH</b>	<b>4580</b>	<b>Peoples, Plagues and Pestilence: The Anthropology of Infectious Disease</b>	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	<b>ANTH</b>	<b>4590</b>	<b>Legal Anthropology</b>	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.								
A&S	SOC	<b>ANTH</b>	<b>4620</b>	<b>Human Rights, Law and Justice</b>	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	<b>ANTH</b>	<b>4720</b>	<b>History of Anthropological Thought</b>	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.								

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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	<b>ANTH</b>	<b>4730</b>	<b>Human Evolution</b>	Lecture	3	0	3; CAP	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ANTH 1010 and 2010 and 2020) and (1 course in ANTH) and (Jr or Sr)						
		COURSE DESC:		This course is designed to explore issues surrounding the evolution of humans, human ancestors and their close relatives, focusing on how selective pressures have shaped the evolutionary heritage of hominins.								
A&S	SOC	<b>ANTH</b>	<b>4740</b>	<b>Zooarchaeology</b>	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ANTH 2010 AND 2020) OR BIOS 1710						
		COURSE DESC:		In this course we explore identification, analysis, and interpretation of animal bones from archaeological and paleontological contexts. Instruction focuses on the skeletal anatomy of extant species as comparative specimens for fauna from older time periods (Holocene-Miocene).								
A&S	SOC	<b>ANTH</b>	<b>4740</b>	<b>Zooarchaeology</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ANTH 2010 AND 2020) OR BIOS 1710						
		COURSE DESC:		In this course we explore identification, analysis, and interpretation of animal bones from archaeological and paleontological contexts. Instruction focuses on the skeletal anatomy of extant species as comparative specimens for fauna from older time periods (Holocene-Miocene).								
A&S	SOC	<b>ANTH</b>	<b>4750</b>	<b>Lithic Analysis: Stone Tools and Human Behavior</b>	Seminar	3	0		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	<b>ANTH</b>	<b>4900</b>	<b>Special Topics in Anthropology</b>	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	<b>ANTH</b>	<b>4910</b>	<b>Anthropology Internship</b>	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	<b>ANTH</b>	<b>4911</b>	<b>Field School in Ohio Archaeology</b>	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	<b>ANTH</b>	<b>4940</b>	<b>Independent Research in Anthropology</b>	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	<b>ANTH</b>	<b>4940H</b>	<b>Honors Thesis</b>	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	<b>ANTH</b>	<b>4941</b>	<b>Seminar in Cultural Anthropology</b>	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.								
A&S	SOC	<b>ANTH</b>	<b>4942</b>	<b>Seminar in Biological Anthropology</b>	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	<b>ANTH</b>	<b>4943</b>	<b>Seminar in Archaeological Anthropology</b>	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	<b>ANTH</b>	<b>4944</b>	<b>Seminar in Human Ecology</b>	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.								

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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	SOC	<b>ANTH</b>	<b>4945</b>	<b>Seminar: Special Topics</b>	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	<b>ANTH</b>	<b>4960</b>	<b>Human Diversity</b>	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	<b>ANTH</b>	<b>4970T</b>	<b>Anthropology Tutorial</b>	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		Thesis work in Anthropology.								
A&S	SOC	<b>ANTH</b>	<b>4980T</b>	<b>Anthropology Tutorial</b>	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		Thesis work in Anthropology.								
A&S	SOC	<b>ANTH</b>	<b>5010</b>	<b>Visual Anthropology</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	PR						
		COURSE DESC:		The use of film as a medium for recording cultural information; as a technique for observation, analysis, and interpretation of cultural information; and as a means for presenting information about cultures, human adaptation, human evolution, and anthropological research itself.								
A&S	SOC	<b>ANTH</b>	<b>5250</b>	<b>Ethnographies of Global Capitalism</b>	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	<b>ANTH</b>	<b>5450</b>	<b>Gender in Cross-Cultural Perspective</b>	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	<b>ANTH</b>	<b>5460</b>	<b>Introduction to Human Osteology</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	PR						
		COURSE DESC:		Focuses on the identification, study, and analysis of the human skeleton. Students will learn the microanatomy and macroanatomy of human bone and how skeletal remains are analyzed.								
A&S	SOC	<b>ANTH</b>	<b>5470</b>	<b>Forensic Anthropology</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	PR						
		COURSE DESC:		Deals with the identification of human remains in situations that generally result in litigation. The recovery and analysis of remains unrecognizable by conventional methods is covered.								
A&S	SOC	<b>ANTH</b>	<b>5480</b>	<b>Blood , Bones, and Violence</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	PR						
		COURSE DESC:		The identification, study and analysis of trauma and how it affects the human skeleton.								
A&S	SOC	<b>ANTH</b>	<b>5490</b>	<b>Life History: The Individual and Culture</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	CR, PR						
		COURSE DESC:		Survey of ways of growing up in various cultures; emphasizes the relationship between the individual and culture.								

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A&S	SOC	<b>ANTH</b>	<b>5500</b>	<b>Economic Anthropology</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Survey of economic arrangements found in various societies; anthropological analysis of economic exchange systems; application of anthropological theories concerning the role of economic processes in cultural systems; analysis of organizations of production, distribution and consumption; comparative analysis of economic systems.								
A&S	SOC	<b>ANTH</b>	<b>5510</b>	<b>Political Anthropology</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Anthropological exploration of various political systems; cross-cultural examination of political leadership, political power, and conflict. Emphasis on non-Western, non-industrialized societies.								
A&S	SOC	<b>ANTH</b>	<b>5520</b>	<b>Anthropological Archaeology</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Explores contemporary archaeology in which goals, methods, and theory are considered within the framework of science.								
A&S	SOC	<b>ANTH</b>	<b>5530</b>	<b>Anthropology of Violence and Peace</b>	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	<b>ANTH</b>	<b>5540</b>	<b>Primate Behavioral Ecology</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	<b>ANTH</b>	<b>5550</b>	<b>Medical Anthropology</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	<b>ANTH</b>	<b>5560</b>	<b>Ethnographic Methods</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	<b>ANTH</b>	<b>5570</b>	<b>Anthropology of Religion</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	<b>ANTH</b>	<b>5580</b>	<b>Peoples, Plagues and Pestilence: The Anthropology of Infectious Disease</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	<b>ANTH</b>	<b>5590</b>	<b>Legal Anthropology</b>	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.								

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COURSE LISTING  
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A&S	SOC	<b>ANTH</b>	<b>5610</b>	<b>North American Prehistory</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		Analysis and interpretation of the cultural evolution of indigenous North American Indian cultures. Emphasis placed on those cultures from Ohio and the Midwest.								
A&S	SOC	<b>ANTH</b>	<b>5620</b>	<b>Human Rights, Law and Justice</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Applies anthropological perspectives to issues relating to human rights, law, and justice with special attention to themes of peacekeeping and peace building, democracy and the rule of law, and the politics of truth, justice, and reconciliation in conflict and post-conflict countries. Examines particular cases from Latin America, South Asia, Africa, and Southeast Asia to consider some of the questions facing countries that are emerging from periods of significant human rights violations, including how to attribute responsibility and guilt, how to deal with perpetrators, and how to provide proper redress to victims.								
A&S	SOC	<b>ANTH</b>	<b>5660</b>	<b>Cultures of the Americas</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Survey of past and/or present cultural diversity present in North, South, or MesoAmerica or the Caribbean, with emphasis on application of the anthropological method and theory to understanding of particular sociocultural systems. Emphasis varies by instructor.								
A&S	SOC	<b>ANTH</b>	<b>5670</b>	<b>South American Prehistory</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Reconstruction, analysis, and interpretation of the process of cultural evolution as expressed by the ancient societies of South America.								
A&S	SOC	<b>ANTH</b>	<b>5700</b>	<b>Mexican/Central American Prehistory</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Reconstruction, analysis, and interpretation of the process of cultural evolution in pre-Hispanic Mexico and Central America.								
A&S	SOC	<b>ANTH</b>	<b>5720</b>	<b>History of Anthropological Thought</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	<b>ANTH</b>	<b>5730</b>	<b>Human Evolution</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		This course is designed to explore issues surrounding the evolution of humans, human ancestors and their close relatives, focusing on how selective pressures have shaped the evolutionary heritage of hominins.								
A&S	SOC	<b>ANTH</b>	<b>5740</b>	<b>Zooarchaeology</b>	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		In this course we explore identification, analysis, and interpretation of animal bones from archaeological and paleontological contexts. Instruction focuses on the skeletal anatomy of extant species as comparative specimens for fauna from older time periods (Holocene-Miocene).								
A&S	SOC	<b>ANTH</b>	<b>5740</b>	<b>Zooarchaeology</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		In this course we explore identification, analysis, and interpretation of animal bones from archaeological and paleontological contexts. Instruction focuses on the skeletal anatomy of extant species as comparative specimens for fauna from older time periods (Holocene-Miocene).								
A&S	SOC	<b>ANTH</b>	<b>5750</b>	<b>Lithic Analysis: Stone Tools and Human Behavior</b>	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	<b>ANTH</b>	<b>5760</b>	<b>Culture Contact and Change</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Impacts of cultures upon one another; immediate and subsequent cultural adaptations; theory of change.								

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A&S	SOC	<b>ANTH</b>	<b>5770</b>	<b>Peasant Communities</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	<b>ANTH</b>	<b>5780</b>	<b>Human Ecology</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	<b>ANTH</b>	<b>5800</b>	<b>Cultures of South Asia</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course focuses on everyday life in contemporary South Asia. Topics include family, gender, caste, religion, identity, politics, economics, globalization and diaspora.								
A&S	SOC	<b>ANTH</b>	<b>5810</b>	<b>Cultures of Sub-Saharan Africa</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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	<b>ANTH</b>	<b>5820</b>	<b>Cultures of the Mediterranean</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course explores the diverse societies of the Mediterranean region as a geographic and cultural unit of analysis that spans South and Southeast Europe, North Africa, and the Middle East. Topics will include migration, religion, gender, political integration, colonialism/Empire, ethnic conflict, urban development, transnational flows.								
A&S	SOC	<b>ANTH</b>	<b>5830</b>	<b>Cultures of Latin America</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Survey of cultural diversity present in Latin America with emphasis on the application of anthropological theory and method to the understanding of particular sociocultural systems.								
A&S	SOC	<b>ANTH</b>	<b>5850</b>	<b>Cultures of Southeast Asia</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Survey of cultural diversity present in island and mainland Southeast Asia with emphasis on the application of anthropological theory and method to the understanding of particular sociocultural systems.								
A&S	SOC	<b>ANTH</b>	<b>5860</b>	<b>Problems in Southeast Asia Anthropology</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Selected topics of current theoretical concern relating to southeast Asia.								
A&S	SOC	<b>ANTH</b>	<b>5900</b>	<b>Special Topics in Anthropology</b>	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	SOC	<b>ANTH</b>	<b>5911</b>	<b>Field School in Ohio Archaeology</b>	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Actual archaeological investigation of prehistoric Indian sites in Ohio. Involves survey, excavation, and laboratory analysis of materials, as well as lectures on anthropological archaeology as they pertain to Ohio.								
A&S	SOC	<b>ANTH</b>	<b>5930</b>	<b>Readings in Anthropology</b>	Ind Study	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Supervised readings in various fields of anthropology: archaeology, ethnology, linguistics, biological anthropology.								



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A&S	SOC	<b>ANTH</b>	<b>5941</b>	<b>Seminar in Cultural Anthropology</b>	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Advanced course dealing with topics of current research interest in cultural anthropology. Topic varies according to individual course.								
A&S	SOC	<b>ANTH</b>	<b>5942</b>	<b>Seminar in Biological Anthropology</b>	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Advanced course dealing with topics of current research interest in biological anthropology. Topic varies according to individual course.								
A&S	SOC	<b>ANTH</b>	<b>5943</b>	<b>Seminar in Archaeological Anthropology</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Advanced course dealing with topics of current research interest in archaeological anthropology. Topic varies according to individual course.								
A&S	SOC	<b>ANTH</b>	<b>5944</b>	<b>Seminar in Human Ecology</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Advanced course dealing with topics of current research interest in human ecology. Topic varies according to individual course.								
A&S	SOC	<b>ANTH</b>	<b>5945</b>	<b>Seminar: Special Topics</b>	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Advanced course dealing with topics of current research interest in Anthropology. Topic varies according to individual professor.								
A&S	SOC	<b>ANTH</b>	<b>5960</b>	<b>Human Diversity</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Exploration of human biological diversity including, genetics, physiology, morphology, demography, and behavior.								
A&S	SOC	<b>SOC</b>	<b>1000</b>	<b>Introduction to Sociology</b>	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.								
A&S	SOC	<b>SOC</b>	<b>2000</b>	<b>Contemporary Social Problems</b>	Lecture	3	0	2SS; PSBS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SOC 1000 or (Soph or Jr or Sr)								
		COURSE DESC:		This course examines the claims-making process through which journalists, specialists, politicians, and agents of other media forms identify and reify social problems in everyday life. Special attention is paid to the ways in which claims-makers and social movement architects socially construct arguments by drawing on data sources and using strategic rhetorical styles to influence audiences. The causes and consequences of these definitional processes are examined using multiple social problems.								
A&S	SOC	<b>SOC</b>	<b>2040</b>	<b>Animals and Human Society</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SOC 1000								
		COURSE DESC:		Students will learn about relationships between humans and animals historically and cross-culturally, how the meanings attached to animals structure human-animal and animal-human interactions within several institutions, and how these meanings work to perpetuate hierarchical human relationships such as racism and sexism. Several of the major philosophical positions regarding animal-human relations will be examined critically.								
A&S	SOC	<b>SOC</b>	<b>2100</b>	<b>Introduction to Social Psychology</b>	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	<b>SOC</b>	<b>2110</b>	<b>Collective Behavior</b>	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.								

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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	SOC	<b>SOC</b>	<b>2200</b>	<b>Introduction to the Family</b>	Lecture	3	0	ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>SOC</b>	<b>2300</b>	<b>Social Inequalities and Social Change</b>	Lecture	3	0	2SS; ACNW; FIE	N	U30		25
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>SOC</b>	<b>2310</b>	<b>Sociology of Health and Health Care</b>	Lecture	3	0	ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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.								
A&S	SOC	<b>SOC</b>	<b>2330</b>	<b>Sociology of Sport</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SOC 1000	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	<b>SOC</b>	<b>2400</b>	<b>Breaking the Law</b>	Lecture	3	0	2SS; ACNW; FIE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Fr or Soph	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	<b>SOC</b>	<b>2600</b>	<b>Criminal Justice</b>	Lecture	3	0	ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SOC 1000	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	<b>SOC</b>	<b>2610</b>	<b>Deviant Behavior</b>	Lecture	3	0	ACNW	N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SOC 1000	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	<b>SOC</b>	<b>2800</b>	<b>Gender, Crime, and Law</b>	Lecture	3	0	2SS; ACNW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SOC 1000	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	<b>SOC</b>	<b>2900</b>	<b>Special Topics in Sociology</b>	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: CR	Specific course content will vary with offering.							

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A&S	SOC	<b>SOC</b>	<b>2970T</b>	<b>Honors Tutorial in Sociology</b>	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC								
		COURSE DESC:		Honors tutorial on topics in Sociology for first year students. Topics vary.								
A&S	SOC	<b>SOC</b>	<b>2971T</b>	<b>Sociology Honors Tutorial</b>	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	<b>SOC</b>	<b>2980T</b>	<b>Honors Tutorial in Sociology</b>	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC								
		COURSE DESC:		Honors tutorial on topics in Sociology for first year students. Topics vary.								
A&S	SOC	<b>SOC</b>	<b>2981T</b>	<b>Honors Tutorial in Sociology</b>	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	<b>SOC</b>	<b>3000</b>	<b>Development of Sociological Theory</b>	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	<b>SOC</b>	<b>3090</b>	<b>Sociology of Appalachia</b>	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	<b>SOC</b>	<b>3090C</b>	<b>Sociology of Appalachia</b>	Lecture	3	0	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	<b>SOC</b>	<b>3150</b>	<b>Social Identities</b>	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	<b>SOC</b>	<b>3270</b>	<b>Sociology of Education</b>	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	<b>SOC</b>	<b>3290</b>	<b>Race and Ethnic Relations</b>	Lecture	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in SOC including 1000								
		COURSE DESC:		Racial and ethnic problems in society; causes and consequences of prejudice and discrimination. Focus on differences and patterns of inequality in the United States as well as other societies.								
A&S	SOC	<b>SOC</b>	<b>3300</b>	<b>Sociology of Poverty</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in SOC including 1000								
		COURSE DESC:		Critically examines how poverty is defined and measured, the competing theoretical perspectives and debates on poverty, the implications of research on the poor, the numerous forms of poverty and its consequences, and strategies and policy solutions for fighting poverty.								
A&S	SOC	<b>SOC</b>	<b>3310</b>	<b>Class and Inequality</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in SOC including 1000								
		COURSE DESC:		Causes and consequences of class and social inequality in selected societies. Critical examination of ideologies that claim to justify inequality.								

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A&S	SOC	<b>SOC</b>	<b>3320</b>	<b>Access to Justice</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 6 hours in SOC including SOC 1000								
				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	<b>SOC</b>	<b>3350</b>	<b>Economic Sociology</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 6 Hours in SOC including 1000								
				This course examines the social structural, cultural, and political foundations of market exchange, the production of goods and services in the formal and informal economies, and consumption. A variety of theoretical approaches drawn from the political economy, social behavioral, sociology of culture, and social network traditions in sociology will be used to explore non-economic dimensions of economic structure and action.								
A&S	SOC	<b>SOC</b>	<b>3400</b>	<b>Population and Society</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 6 Hours in SOC including 1000								
				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	<b>SOC</b>	<b>3410</b>	<b>Sociology of Immigration</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 6 Hours in SOC including 1000								
				The purpose of this course is to educate students about immigration in the United States and around the world. The students learn about the history of sociological research on immigration to the United States, as well as the sociological theories that help us understand why people migrate to other countries. We cover diverse topics such as settlement patterns, education, identity, language, the second generation, religion, and integration. We also apply these topics to issues of public policy, addressing the shortcomings of past and present policies and potential solutions for future policies based on social science research. Finally, students are able to identify the challenges of global migration especially as it relates to social stratification.								
A&S	SOC	<b>SOC</b>	<b>3500</b>	<b>Elementary Research Techniques</b>	Lecture	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SOC 1000 and (404 or 3000) and (COMS 3520 or ECON 3810 or MATH 2500 or PSY 2110 or QBA 2010)								
				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	<b>SOC</b>	<b>3520</b>	<b>Field Studies in Sociology</b>	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	<b>SOC</b>	<b>3560J</b>	<b>Writing in Sociology &amp; Anthropology</b>	Seminar	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 9 Hours in (ANTH or SOC)								
				Junior level composition course for Sociology and Anthropology majors and students in related fields. Combines writing instruction with consideration of substantive social science topics. Students try various styles of social science writing (book reviews; grant proposals; field notes; interviews; etc.). Prerequisites: (JR OR SR) & 13 HRS SOC/ANT								
A&S	SOC	<b>SOC</b>	<b>3561J</b>	<b>Writing in Food, Hunger, and Inequality</b>	Lecture	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 6 hours in SOC including SOC 1000								
				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	<b>SOC</b>	<b>3600</b>	<b>Criminology</b>	Lecture	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SOC 2600								
				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	<b>SOC</b>	<b>3620</b>	<b>Ethics in Law, Crime, and Justice</b>	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.								

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A&S	SOC	<b>SOC</b>	<b>3630</b>	<b>Juvenile Delinquency</b>	Lecture	3	0		N	U30		66
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SOC 2600								
		COURSE DESC:		This course examines the social forces that shape the social control of children and adolescents and produce juvenile delinquency. Topics include but are not limited to: the history and social construction of youth and adolescence in the United States, the history of the juvenile justice system, the age-crime relationship, the empirically established predictors of behavior problems and youth crime, and a survey of juvenile justice programs and policies.								
A&S	SOC	<b>SOC</b>	<b>3640</b>	<b>Police and Society</b>	Lecture	3	0		N	U30		66
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SOC 2600								
		COURSE DESC:		Examines the nature and development of policing in the United States from a sociological perspective. Students are introduced to a broad range of topics including police decision making, procedural law, police culture, types of policing, police-minority relations, and police misconduct. Examines the changing role of police in society and the potential consequences these changes have for the development of social policy.								
A&S	SOC	<b>SOC</b>	<b>3650</b>	<b>Sociology of Mental Illness</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in SOC including 1000								
		COURSE DESC:		Study of social and cultural foundations of mental illness, including review of historic and contemporary definitions of madness and treatment of mental illness. Distribution of mental illness in population and social factors related thereto. Nature of commitment process and legal, moral, and social implications of commitment. Examination of legal processes pertaining to criminal insanity.								
A&S	SOC	<b>SOC</b>	<b>3660</b>	<b>Punishment and Society</b>	Lecture	3	0		N	U30	CORRESPOND	66
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SOC 2600								
		COURSE DESC:		This course is a survey of the theory, history, operation, and problems of punishment. It explores the organization and effectiveness of penal institutions, the causes and impacts of mass incarceration, the politics of punishment, and abolition movements. Topics studied include but are not limited to halfway houses, juvenile institutions, parole, prisons, privatization, and alternatives to punishment.								
A&S	SOC	<b>SOC</b>	<b>3670</b>	<b>Corporate and Governmental Crime</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SOC 2600								
		COURSE DESC:		Examination of the nature, extent, and distribution of corporate, governmental, and other forms of white-collar crime. Practical issues of conducting research in these areas and the application of theory to specific cases. Particular instances of corporate and governmental crime.								
A&S	SOC	<b>SOC</b>	<b>3720</b>	<b>Sociology of Masculinity</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 6 Hours in SOC including 1000								
		COURSE DESC:		This course examines developments in the study of men and masculinity. The course focuses on the construction of masculinity in sports, family, work, and other social relationships. The effects of masculine identity on people and social institutions will be a primary focus of the course. The course also explores how masculinity is affected by and affects racial, occupational, physical ability, and sexual identities.								
A&S	SOC	<b>SOC</b>	<b>3930</b>	<b>Readings in Sociology</b>	Ind Study	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR Independent directed readings designed to expand student's understanding in selected area of interest.								
A&S	SOC	<b>SOC</b>	<b>3970T</b>	<b>Sociology Honors Tutorial</b>	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 third year students. Topics vary.								
A&S	SOC	<b>SOC</b>	<b>3980T</b>	<b>Sociology Honors Tutorial</b>	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 third year students. Topics vary.								
A&S	SOC	<b>SOC</b>	<b>4000</b>	<b>Emergent Topics in Sociological Theory</b>	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	<b>SOC</b>	<b>4130</b>	<b>Media and Society</b>	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.								

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A&S	SOC	<b>SOC</b>	<b>4140</b>	<b>Contemporary Social Movements</b>	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	<b>SOC</b>	<b>4160</b>	<b>Society and the Individual</b>	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	<b>SOC</b>	<b>4190</b>	<b>Group Processes</b>	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	<b>SOC</b>	<b>4210</b>	<b>Comparative Studies of Family</b>	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	<b>SOC</b>	<b>4220</b>	<b>The American Family System</b>	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	<b>SOC</b>	<b>4240</b>	<b>Urban Sociology</b>	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	<b>SOC</b>	<b>4280</b>	<b>Sociology of Religion</b>	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	<b>SOC</b>	<b>4300</b>	<b>Sociology of Organization</b>	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.								
A&S	SOC	<b>SOC</b>	<b>4320</b>	<b>Political Sociology</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	9 Hours in SOC including 1000						
		COURSE DESC:		This course examines authority and power relationships in both the state and civil society that influence structure and agency within key societal institutions at all levels, from the local to the global. A variety of class, historical-institutional, organizational, cultural, and social network perspectives are used to explore how power relationships develop, are institutionalized, and are challenged.								
A&S	SOC	<b>SOC</b>	<b>4330</b>	<b>Sociology of Work</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	9 Hours in SOC including 1000						
		COURSE DESC:		This course scrutinizes the ways women and men work in the United States and how the work we do affects our lives. Using a sociological perspective, we will critically examine the structure of work, major economic changes, and concerns of workers such as earnings, promotions, unemployment and the balance between work and family. In an effort to understand many of the inequalities related to work, we will challenge both the structure of our society as well as many of our commonly held unquestioned beliefs.								
A&S	SOC	<b>SOC</b>	<b>4500</b>	<b>Data Analysis</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	9 Hours in SOC including (1000 and 3500)						
		COURSE DESC:		This course develops the ability to analyze research data in the social sciences. The linkages among measurement, statistics, and interpretation of results in social research will be explored. Unscheduled computer laboratory commitment is required.								
A&S	SOC	<b>SOC</b>	<b>4620</b>	<b>Sociology of the Courts</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	9 Hours in SOC including 1000						
		COURSE DESC:		This course is designed to introduce students to a sociological perspective on the importance and impact of the court system in American society. We will examine the court's structural and cultural features as well as how court officials create and move cases through to various institutional outcomes.								

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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	<b>SOC</b>	<b>4640</b>	<b>Law in Societies</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	9 Hours in SOC including 1000						
		COURSE DESC:		Explores the fundamental roles that law plays in organizing contemporary social life. Considers various ways of understanding law's complex presence: how law shapes and enables routine social interaction, how law constructs differences among people and their actions, how law mediates and enforces power relationships, and how law matters for the kind of societies we have. Our inquiries will examine official legal institutions and actors, but the class will emphasize how law works as a complex array of norms, symbols, discourses, and practices that infuse and shape all aspects of social life, from everyday social interaction to social movements and official legal institutions and actors. The course draws from the U.S. experience as well as historical, international, and transnational perspectives.								
A&S	SOC	<b>SOC</b>	<b>4650</b>	<b>Social Change</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	9 Hours in SOC including 1000						
		COURSE DESC:		Dynamics and processes by which social change takes place; major theories of change; industrialization and modernization; social evolution and revolution; planned change; social impact of change.								
A&S	SOC	<b>SOC</b>	<b>4670</b>	<b>Violence Against Women</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	9 Hours in SOC including 1000						
		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	<b>SOC</b>	<b>4680</b>	<b>Crimes Against Humanity: Confronting and Responding to Mass Atrocity and Genocide</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	9 Hours in SOC including 1000						
		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	<b>SOC</b>	<b>4690</b>	<b>Crime, Risk, and Governance</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	9 Hours in SOC including 1000						
		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	<b>SOC</b>	<b>4700</b>	<b>Sociology of Gender</b>	Lecture	3	0		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	<b>SOC</b>	<b>4710</b>	<b>Gender and Justice</b>	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	<b>SOC</b>	<b>4810</b>	<b>Environmental Sociology</b>	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	<b>SOC</b>	<b>4900</b>	<b>GRADUATE PROSEMINAR IN SOCIOLOGY</b>	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	<b>SOC</b>	<b>4910</b>	<b>Internship in Sociology &amp; Criminology</b>	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:		CR, PR Provides internship experience for students majoring in sociology, criminology/sociology, and sociology-prelaw. Students will have the opportunity to apply social science knowledge in working with law, business, criminal justice, non-profit, social service, and other organizations.								

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A&S	SOC	<b>SOC</b>	<b>4940</b>	<b>Research Problems in Sociology</b>	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 CR								
		COURSE DESC:		Individual research in specific problem areas in which student has demonstrated ability and interest.								
A&S	SOC	<b>SOC</b>	<b>4940H</b>	<b>Honors Thesis in Sociology</b>	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	<b>SOC</b>	<b>4950</b>	<b>Sociology Capstone</b>	Seminar	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: 18 Hours in SOC including 3000 and 3500 and Sr only								
		COURSE DESC:		Capstone course in sociology.								
A&S	SOC	<b>SOC</b>	<b>4970T</b>	<b>Sociology Tutorial</b>	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR								
		COURSE DESC:		Honors tutorial thesis course for seniors.								
A&S	SOC	<b>SOC</b>	<b>4980T</b>	<b>Sociology Tutorial</b>	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC CR, PR								
		COURSE DESC:		Honors tutorial thesis course for seniors								
A&S	SOC	<b>SOC</b>	<b>5130</b>	<b>Media and Society</b>	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.								
A&S	SOC	<b>SOC</b>	<b>5140</b>	<b>Contemporary Social Movements</b>	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	<b>SOC</b>	<b>5160</b>	<b>Society and Individual</b>	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	<b>SOC</b>	<b>5190</b>	<b>Group Processes</b>	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	<b>SOC</b>	<b>5210</b>	<b>Comparative Studies of Family</b>	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	<b>SOC</b>	<b>5220</b>	<b>The American Family System</b>	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.								



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A&S	SOC	<b>SOC</b>	<b>5240</b>	<b>Urban Sociology</b>	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	<b>SOC</b>	<b>5280</b>	<b>Sociology of Religion</b>	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	<b>SOC</b>	<b>5300</b>	<b>Sociology of Organization</b>	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	<b>SOC</b>	<b>5320</b>	<b>Political Sociology</b>	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.								
A&S	SOC	<b>SOC</b>	<b>5330</b>	<b>Sociology of Work</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		This course scrutinizes the ways women and men work in the United States and how the work we do affects our lives. Using a sociological perspective, we will critically examine the structure of work, major economic changes, and concerns of workers such as earnings, promotions, unemployment and the balance between work and family. In an effort to understand many of the inequalities related to work, we will challenge both the structure of our society as well as many of our commonly held unquestioned beliefs.								
A&S	SOC	<b>SOC</b>	<b>5400</b>	<b>Population and Society</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	<b>SOC</b>	<b>5400</b>	<b>Population and Society</b>	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	<b>SOC</b>	<b>5500</b>	<b>Data Analysis</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		This course develops the ability to analyze research data in the social sciences. The linkages among measurement, statistics, and interpretation of results in social research will be explored. Unscheduled computer laboratory commitment is required.								
A&S	SOC	<b>SOC</b>	<b>5561</b>	<b>Writing in Food, Hunger, and Inequality</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	<b>SOC</b>	<b>5561</b>	<b>Writing in Food, Hunger, and Inequality</b>	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								

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A&S	SOC	<b>SOC</b>	<b>5620</b>	<b>Sociology of the Courts</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		This course is designed to introduce students to a sociological perspective on the importance and impact of the court system in American society. We will examine the court's structural and cultural features as well as how court officials create and move cases through to various institutional outcomes.								
A&S	SOC	<b>SOC</b>	<b>5640</b>	<b>Law in Societies</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Explores the fundamental roles that law plays in organizing contemporary social life. Considers various ways of understanding law's complex presence: how law shapes and enables routine social interaction, how law constructs differences among people and their actions, how law mediates and enforces power relationships, and how law matters for the kind of societies we have. Our inquiries will examine official legal institutions and actors, but the class will emphasize how law works as a complex array of norms, symbols, discourses, and practices that infuse and shape all aspects of social life, from everyday social interaction to social movements and official legal institutions and actors. The course draws from the U.S. experience as well as historical, international, and transnational perspectives.								
A&S	SOC	<b>SOC</b>	<b>5650</b>	<b>Social Change</b>	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	<b>SOC</b>	<b>5670</b>	<b>Violence Against Women</b>	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	<b>SOC</b>	<b>5680</b>	<b>Crimes Against Humanity: Confronting and Responding to Mass Atrocity and Genocide</b>	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	<b>SOC</b>	<b>5690</b>	<b>Crime, Risk, and Governance</b>	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	<b>SOC</b>	<b>5700</b>	<b>Sociology of Gender</b>	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	<b>SOC</b>	<b>5710</b>	<b>Gender and Justice</b>	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.								

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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	<b>SOC</b>	<b>5810</b>	<b>Environmental Sociology</b>	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	<b>SOC</b>	<b>5900</b>	<b>Special Topics</b>	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	<b>SOC</b>	<b>5930</b>	<b>Readings in Sociology</b>	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	<b>SOC</b>	<b>5931</b>	<b>Research Problems in Sociology</b>	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	<b>SOC</b>	<b>6000</b>	<b>Graduate Seminar in the Sociological Study of Gender</b>	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	<b>SOC</b>	<b>6010</b>	<b>Graduate Seminar: Qualitative Research Methods</b>	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	<b>SOC</b>	<b>6020</b>	<b>Graduate Seminar in the Sociology of Organizations</b>	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	<b>SOC</b>	<b>6030</b>	<b>Seminar: Crime and Deviance</b>	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	<b>SOC</b>	<b>6040</b>	<b>Graduate Seminar in Work and Inequality</b>	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	<b>SOC</b>	<b>6050</b>	<b>Graduate Seminar in Race and Ethnicity</b>	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	<b>SOC</b>	<b>6060</b>	<b>Graduate Seminar in Social Inequality</b>	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.								

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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	SOC	<b>SOC</b>	<b>6070</b>	<b>Graduate Seminar in Globalization and Development</b>	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	<b>SOC</b>	<b>6080</b>	<b>Graduate Seminar: Poverty</b>	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	<b>SOC</b>	<b>6090</b>	<b>Graduate Seminar</b>	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	<b>SOC</b>	<b>6100</b>	<b>Graduate Seminar</b>	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	<b>SOC</b>	<b>6110</b>	<b>Graduate Seminar</b>	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	<b>SOC</b>	<b>6120</b>	<b>Graduate Seminar</b>	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	<b>SOC</b>	<b>6130</b>	<b>Graduate Seminar</b>	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	<b>SOC</b>	<b>6140</b>	<b>Graduate Seminar</b>	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	<b>SOC</b>	<b>6150</b>	<b>Seminar in Social Psychology</b>	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	<b>SOC</b>	<b>6160</b>	<b>Sociological Theory</b>	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	<b>SOC</b>	<b>6200</b>	<b>Social Policy</b>	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	<b>SOC</b>	<b>6300</b>	<b>Teaching Sociology</b>	Seminar	1	12		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required PR, F								
		COURSE DESC:		This course is for sociology graduate students with grade book teaching responsibility.								
A&S	SOC	<b>SOC</b>	<b>6510</b>	<b>Intermediate Data Analysis</b>	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.								

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A&S	SOC	<b>SOC</b>	<b>6540</b>	<b>Social Research Methods</b>	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	<b>SOC</b>	<b>6900</b>	<b>Special Topics in Sociology</b>	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	<b>SOC</b>	<b>6920</b>	<b>Practicum in Sociology</b>	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	<b>SOC</b>	<b>6931</b>	<b>Independent Study</b>	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	<b>SOC</b>	<b>6945</b>	<b>Seminar in Teaching Sociology</b>	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	<b>SOC</b>	<b>6950</b>	<b>Thesis</b>	Thesis	1 to 16	16		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		For sociology graduate students working on a thesis								

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A&S	WGSS	<b>WGSS</b>	<b>1000</b>	<b>Introduction to Women's, Gender, and Sexuality Studies</b> 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	<b>WGSS</b>	<b>1000A</b>	<b>Honors Experience: Introduction to Women's, Gender, and Sexuality Studies</b> 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	<b>WGSS</b>	<b>2000</b>	<b>Issues in Women's, Gender, and Sexuality Studies</b> 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	<b>WGSS</b>	<b>2100</b>	<b>Women, Gender, and Rock and Roll</b> 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	<b>WGSS</b>	<b>2200</b>	<b>Introduction to LGBTQ Studies</b> 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	<b>WGSS</b>	<b>2800</b>	<b>LGBTQ Media Action: Advocacy, News, and Praxis</b> 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	<b>WGSS</b>	<b>2900</b>	<b>Special Topics in Women's, Gender, and Sexuality Studies</b> GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.	Lecture	1 to 15	999		N	U30		0
A&S	WGSS	<b>WGSS</b>	<b>2970T</b>	<b>WGSS Non-Thesis Tutorial First Year</b> 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	<b>WGSS</b>	<b>2971T</b>	<b>WGSS Non-Thesis Tutorial Second Year</b> 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	<b>WGSS</b>	<b>2980T</b>	<b>WGSS Non-Thesis Tutorial First Year</b> 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	<b>WGSS</b>	<b>2981T</b>	<b>WGSS Non-Thesis Tutorial Second Year</b> 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	<b>WGSS</b>	<b>3200</b>	<b>Sexual Revolutions</b> 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

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A&S	WGSS	<b>WGSS</b>	<b>3500</b>	<b>Feminist Theory</b>	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	<b>WGSS</b>	<b>3810J</b>	<b>Writing Gender</b>	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	<b>WGSS</b>	<b>3910</b>	<b>Internship in Women's and Gender Studies</b>	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	<b>WGSS</b>	<b>3970T</b>	<b>WGSS Non-Thesis Tutorial Third Year</b>	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	<b>WGSS</b>	<b>3980T</b>	<b>WGSS Non-Thesis Tutorial Third Year</b>	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	<b>WGSS</b>	<b>4100</b>	<b>Global Feminisms</b>	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	<b>WGSS</b>	<b>4110</b>	<b>Women and Globalization</b>	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	<b>WGSS</b>	<b>4500</b>	<b>Advanced Feminist Theory</b>	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	<b>WGSS</b>	<b>4600</b>	<b>Gender, Sexuality, and Culture</b>	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	<b>WGSS</b>	<b>4610</b>	<b>Queer Theory</b>	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	<b>WGSS</b>	<b>4800</b>	<b>Capstone in Women's, Gender, and Sexuality Studies</b>	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	<b>WGSS</b>	<b>4820</b>	<b>Capstone in LGBTQ Studies</b>	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	<b>WGSS</b>	<b>4900</b>	<b>Special Topics in Women's, Gender and Sexuality Studies</b>	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.								

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A&S	WGSS	<b>WGSS</b>	<b>4930</b>	<b>Independent Reading</b>	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	<b>WGSS</b>	<b>4970T</b>	<b>WGSS Thesis Tutorial</b>	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	<b>WGSS</b>	<b>4980T</b>	<b>WGSS Thesis Tutorial</b>	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	<b>WGSS</b>	<b>4990H</b>	<b>Honors Project</b>	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	<b>WGSS</b>	<b>5100</b>	<b>Global Feminisms</b>	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	<b>WGSS</b>	<b>5110</b>	<b>Women and Globalization</b>	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	<b>WGSS</b>	<b>5500</b>	<b>Advanced Feminist Theory</b>	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	<b>WGSS</b>	<b>5600</b>	<b>Gender, Sexuality, and Culture</b>	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	<b>WGSS</b>	<b>5610</b>	<b>Queer Theory</b>	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	<b>WGSS</b>	<b>5890</b>	<b>Graduate Seminar in Feminist Theory</b>	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	<b>WGSS</b>	<b>5900</b>	<b>Special Topics in Women's, Gender and Sexuality Studies</b>	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	<b>WGSS</b>	<b>5930</b>	<b>Independent Reading</b>	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	<b>WGSS</b>	<b>6000</b>	<b>Gendered Bodies</b>	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.								



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A&S	WGSS	<b>WGSS</b>	<b>6010</b>	<b>Medicine, Science &amp; Sexuality</b>	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>WGSS</b>	<b>6020</b>	<b>Gender, Sexuality &amp; Healthcare</b>	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>WGSS</b>	<b>6030</b>	<b>Sexual Violence &amp; Survivor Advocacy</b>	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Survey of the social scientific literature on the history of sexual violence and the evolution of its definitions; the social correlates of offending and victimization; the social patterns of different forms of sexual offending; the programs and policies aimed at reducing sexual violence, processing offenders, and meeting the therapeutic and social institutional needs of survivors.								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	ACCT	<b>ACCT</b>	<b>1000</b>	<b>Financial Accounting for Entrepreneurs</b>	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	<b>ACCT</b>	<b>1005</b>	<b>Accounting for Business Activities</b>	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	<b>ACCT</b>	<b>1010</b>	<b>Foundations of Accounting</b>	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	<b>ACCT</b>	<b>1010A</b>	<b>Honors Experience in Foundations of Accounting</b>	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	<b>ACCT</b>	<b>1020</b>	<b>Decision Making with Accounting</b>	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	<b>ACCT</b>	<b>2900</b>	<b>Special Topics in Accounting</b>	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	<b>ACCT</b>	<b>2910</b>	<b>Internship</b>	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	<b>ACCT</b>	<b>3040</b>	<b>Financial Accounting and Reporting I</b>	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	<b>ACCT</b>	<b>3040A</b>	<b>Honors Experience in Financial Accounting and Reporting I</b>	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	<b>ACCT</b>	<b>3050</b>	<b>Financial Accounting and Reporting II</b>	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	<b>ACCT</b>	<b>3100</b>	<b>Managerial Accounting</b>	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	<b>ACCT</b>	<b>3200</b>	<b>Forensic Accounting</b>	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.								

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COB	ACCT	<b>ACCT</b>	<b>3400</b>	<b>Introduction to Federal Income Tax Planning</b>	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	<b>ACCT</b>	<b>3450</b>	<b>Accounting Systems and Internal Control</b>	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	<b>ACCT</b>	<b>3660</b>	<b>Oil and Gas Accounting</b>	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	<b>ACCT</b>	<b>3770</b>	<b>Entrepreneurial Accounting</b>	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	<b>ACCT</b>	<b>3910</b>	<b>Internship</b>	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	<b>ACCT</b>	<b>4200</b>	<b>Assurance Services and Internal Controls</b>	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	<b>ACCT</b>	<b>4400</b>	<b>Single-entity Accounting and Tax Planning</b>	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	<b>ACCT</b>	<b>4500</b>	<b>Accounting for Non-Business Entities and Contemporary Professional Issues</b>	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	<b>ACCT</b>	<b>4520</b>	<b>Advanced Auditing</b>	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	<b>ACCT</b>	<b>4600</b>	<b>Multiple-Entity Accounting and Tax Planning</b>	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	<b>ACCT</b>	<b>4700</b>	<b>Data Analytics for Accounting</b>	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	<b>ACCT</b>	<b>4900</b>	<b>Special Topics in Accounting</b>	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.								

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COB	ACCT	<b>ACCT</b>	<b>4910</b>	<b>Internship</b>	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	<b>ACCT</b>	<b>4930</b>	<b>Independent Research</b>	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	<b>ACCT</b>	<b>4940H</b>	<b>Honors Thesis</b>	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	<b>ACCT</b>	<b>5010</b>	<b>Intermediate Accounting Concepts</b>	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	<b>ACCT</b>	<b>5020</b>	<b>Advanced Accounting Concepts I</b>	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	<b>ACCT</b>	<b>5030</b>	<b>Advanced Accounting Concepts II</b>	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	<b>ACCT</b>	<b>5900</b>	<b>Special Topics in Accounting</b>	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	<b>ACCT</b>	<b>5930</b>	<b>Independent Study</b>	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	<b>ACCT</b>	<b>6100</b>	<b>Advanced Managerial Accounting and Decision Making</b>	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	<b>ACCT</b>	<b>6200</b>	<b>Advanced Auditing and Assurance Services</b>	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	<b>ACCT</b>	<b>6250</b>	<b>Forensic Accounting and Fraud Examination</b>	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	<b>ACCT</b>	<b>6300</b>	<b>Financial Accounting Theory and Research</b>	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	<b>ACCT</b>	<b>6400</b>	<b>Income Tax Research, Planning and Special Topics</b>	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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COB	ACCT	<b>ACCT</b>	<b>6500</b>	<b>Professional Ethics and Communication for Accountants</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>ACCT</b>	<b>6800</b>	<b>Contemporary Topics in Accounting</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>ACCT</b>	<b>6900</b>	<b>Special Topics in Accounting</b>	Seminar	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Permission required Selected topics of current interest in accounting area.								
COB	ACCT	<b>ACCT</b>	<b>6930</b>	<b>Independent Study</b>	Ind Study	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Research in selected fields of accounting under direction of faculty member.								
COB	ACCT	<b>ATCH</b>	<b>1030</b>	<b>Financial Accounting Procedures</b>	Lecture	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>ATCH</b>	<b>1040</b>	<b>Managerial Accounting Procedures</b>	Lecture	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ATCH 1030 Accounting procedures for managerial accounting including job/process costing, cost behavior, budgeting, performance evaluation, differential analysis and capital investment.								
COB	ACCT	<b>ATCH</b>	<b>2030</b>	<b>Tax and Governmental Reporting Procedures</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ATCH 1030 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	<b>ATCH</b>	<b>2040</b>	<b>Electronic Data Processing Accounting Procedures</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ATCH 1040 and MATH 1200 and (BMT 2000 or CTCH 1250 or MIS 2011) Use of computers to perform both specialized and routine accounting functions. An integrated accounting program and an electronic spreadsheet program are used.								
COB	ACCT	<b>ATCH</b>	<b>2050</b>	<b>Manufacturing Accounting</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (ACCT 1020 or ATCH 1040) and MATH 1200 Study of cost behavior; data collection procedures and reports for manufacturing firms, job order costs; process costs; standard costs; overhead allocation methods.								
COB	ACCT	<b>ATCH</b>	<b>2090</b>	<b>Business Statistics</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>ATCH</b>	<b>2250</b>	<b>Federal Income Tax Procedures</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ATCH 2030 Comprehensive course in fundamentals of federal income taxation and preparation of individual, partnership, and corporation tax returns.								
COB	ACCT	<b>ATCH</b>	<b>2330</b>	<b>Accounting Information Systems</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ACCT 1010 or ATCH 1030 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	<b>ATCH</b>	<b>2410</b>	<b>Auditing Procedures</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ATCH 2250 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	<b>ATCH</b>	<b>2900</b>	<b>Special Topics in Accounting Technology</b>	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	<b>ATCH</b>	<b>2990</b>	<b>Independent Study</b>	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	<b>MIS</b>	<b>2020</b>	<b>Business Information Systems</b>	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	<b>MIS</b>	<b>2021</b>	<b>Business Information Systems Nonmajor</b>	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	<b>MIS</b>	<b>2200</b>	<b>Systems Analysis and Design</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MIS 2010 or MIS 2011 or QBA 1720						
		COURSE DESC:		Provides an introduction to Systems Analysis and Design. Topics include analyzing the business case, requirements modeling, data and process modeling, and development strategies, with an increased focus on object modeling and project management. Students also learn about output and user interface design, data design, systems architecture and implementation, and systems operation, support and security. Students will analyze and design information systems in a structured format using a contemporary systems development methodology.								
COB	AIS	<b>MIS</b>	<b>2800</b>	<b>Business Intelligence and Information Management</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MIS 2010 or MIS 2011 or QBA 1720						
		COURSE DESC:		Provides an introduction to database terminology, design, development, the querying of databases, Business Intelligence and the management of information in order to solve complex business problems. Topics include the relational model, database normalization, basic and complex database design, implementing a SQL database, basic and advanced SQL queries and subqueries, business intelligence concepts, data mart and data warehouse technologies, data mining, the use of scorecards, dashboards and reports, and dimensions, key performance indicators(KPIs), and cubes.								
COB	AIS	<b>MIS</b>	<b>2900</b>	<b>Special Topics in Management Information Systems</b>	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	<b>MIS</b>	<b>2910</b>	<b>Internship</b>	Internship	1 to 2	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	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	AIS	<b>MIS</b>	<b>3200</b>	<b>Systems Development</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MIS 2200 and 2800						
		COURSE DESC:		Teaches the fundamentals of business application development using a contemporary business programming language, framed in relevant business contexts.								
COB	AIS	<b>MIS</b>	<b>3800</b>	<b>Enterprise Systems Implementation</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MIS 2200 and 2800						
		COURSE DESC:		Provides students with a fundamental understanding of Enterprise Systems (ERP, SCM, CRM), focusing on their strategic and operational importance, implementation issues, and core functionality.								
COB	AIS	<b>MIS</b>	<b>3910</b>	<b>Internship</b>	Internship	1 to 3	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	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	AIS	<b>MIS</b>	<b>4200</b>	<b>Information System Consulting Project</b>	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	<b>MIS</b>	<b>4580</b>	<b>Advanced Business Intelligence</b>	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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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COB	AIS	<b>MIS</b>	<b>4800</b>	<b>MIS Capstone</b>	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	<b>MIS</b>	<b>4900</b>	<b>Special Topics</b>	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	<b>MIS</b>	<b>4910</b>	<b>Internship</b>	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	<b>MIS</b>	<b>4935</b>	<b>Readings in MIS</b>	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	<b>MIS</b>	<b>4940</b>	<b>Independent Research</b>	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	<b>MIS</b>	<b>4970H</b>	<b>Honors Thesis</b>	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	<b>MIS</b>	<b>5900</b>	<b>Special Topics</b>	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	<b>MIS</b>	<b>6900</b>	<b>Special Topics in MIS</b>	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	<b>MIS</b>	<b>6910</b>	<b>Internship in MIS</b>	Internship	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission required						
		COURSE DESC:		Internship in Management Information Systems.								
COB	AIS	<b>MIS</b>	<b>6935</b>	<b>Readings in MIS</b>	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	<b>MIS</b>	<b>6940</b>	<b>Independent Research</b>	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	<b>QBA</b>	<b>1720</b>	<b>Introduction to Information Analysis and Descriptive Analytics</b>	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	<b>QBA</b>	<b>1721</b>	<b>Introduction to Information Analysis and Descriptive Analytics (Nonmajor)</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Not COB except BS5511 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	<b>QBA</b>	<b>2010</b>	<b>Introduction to Business Statistics</b>	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	<b>QBA</b>	<b>2720</b>	<b>Business Analytics</b>	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	<b>QBA</b>	<b>2900</b>	<b>Special Topics in Quantitative Business Analysis</b>	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	<b>QBA</b>	<b>3720</b>	<b>Predictive Analytics</b>	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	<b>QBA</b>	<b>4720</b>	<b>Prescriptive Analytics</b>	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	<b>QBA</b>	<b>4900</b>	<b>Special Topics in Quantitative Business Analysis</b>	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	<b>QBA</b>	<b>5720</b>	<b>Predictive Analytics</b>	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	<b>QBA</b>	<b>5730</b>	<b>Prescriptive Analytics</b>	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.								

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COB	FIN	<b>FIN</b>	<b>2010</b>	<b>Basic Personal Finance</b>	Lecture	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>FIN</b>	<b>2900</b>	<b>Special Topics in Finance</b>	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		CR								
				Specific course content will vary with offering.								
COB	FIN	<b>FIN</b>	<b>2910</b>	<b>Internship</b>	Internship	1 to 3	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE:	Permission required and 2.5 GPA							
				PR, F	Internship experience that provides on-site exposure to general business operations and procedures. Intended for experiences following the freshman year.							
COB	FIN	<b>FIN</b>	<b>3000</b>	<b>Introduction to Corporate Finance</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	(ACCT 1005 or 1010) and WARNING: No Credit if taken after the following: FIN 2400 and 3100							
				Introduces the student to the basic principles of short-term and long-term corporate financial management.								
COB	FIN	<b>FIN</b>	<b>3001</b>	<b>Honors Finance Seminar</b>	Seminar	1	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	Permission required							
				Application of basic principles of corporate financial management with emphasis on the historical and current business environment and financial resources.								
COB	FIN	<b>FIN</b>	<b>3001A</b>	<b>Honors Experience in Honors Finance Seminar</b>	Ind Study	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F,								
		COURSE DESC:		REQUISITE:	Ohio Honors student and FIN 3001 concurrently							
				NC	OHIO Honors curricular experience in Honors Finance Seminar							
COB	FIN	<b>FIN</b>	<b>3100</b>	<b>Financial Management</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE:	ACCT 1000 and not COB and WARNING not (FIN 2020 or 2400)							
				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	<b>FIN</b>	<b>3200</b>	<b>Financial Statement Analysis and Financial Modeling</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	MATH 1300, 1350, or 2301							
				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	<b>FIN</b>	<b>3270</b>	<b>Financial Markets and Institutions</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	MATH 1300, 1350, or 2301							
				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	<b>FIN</b>	<b>3310</b>	<b>Risk and Insurance</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	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	<b>FIN</b>	<b>3410</b>	<b>Investments</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	MATH 1300, 1350, or 2301							
				This course covers the principles used by investors to identify and evaluate various investment alternatives.								
COB	FIN	<b>FIN</b>	<b>3910</b>	<b>Internship</b>	Internship	1 to 3	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE:	Permission required and 2.5 GPA							
				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	<b>FIN</b>	<b>3921</b>	<b>Applied Investment Management Practicum</b>	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	<b>FIN</b>	<b>4100</b>	<b>Personal Financial Planning</b>	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	<b>FIN</b>	<b>4110</b>	<b>Retirement Planning</b>	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	<b>FIN</b>	<b>4120</b>	<b>Estate Planning</b>	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	<b>FIN</b>	<b>4140</b>	<b>Cases in Financial Planning</b>	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	<b>FIN</b>	<b>4280</b>	<b>Bank Management</b>	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	<b>FIN</b>	<b>4290</b>	<b>Advanced Bank Management</b>	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	<b>FIN</b>	<b>4360</b>	<b>Life Insurance</b>	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	<b>FIN</b>	<b>4420</b>	<b>Security Analysis</b>	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	<b>FIN</b>	<b>4430</b>	<b>Fixed Income Security Analysis</b>	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	<b>FIN</b>	<b>4440</b>	<b>Financial Derivatives</b>	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	<b>FIN</b>	<b>4460</b>	<b>Fixed Income &amp; Futures</b>	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	<b>FIN</b>	<b>4470</b>	<b>Equity and Option Valuation</b>	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	<b>FIN</b>	<b>4480</b>	<b>Portfolio Management</b>	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	<b>FIN</b>	<b>4510</b>	<b>Intermediate Corporate Finance</b>	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.								

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COB	FIN	<b>FIN</b>	<b>4520</b>	<b>Entrepreneurial Finance</b>	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	<b>FIN</b>	<b>4550</b>	<b>International Finance</b>	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	<b>FIN</b>	<b>4580</b>	<b>Applied Corporate Finance</b>	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	<b>FIN</b>	<b>4590</b>	<b>Advanced Corporate Finance</b>	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	<b>FIN</b>	<b>4600</b>	<b>Mathematical Analysis of Financial Decisions</b>	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	<b>FIN</b>	<b>4610</b>	<b>Financial Management and Policy</b>	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	<b>FIN</b>	<b>4800</b>	<b>Series 6 and OH Insurance Exam Prep</b>	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	<b>FIN</b>	<b>4900</b>	<b>Special Topics in Finance</b>	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	<b>FIN</b>	<b>4910</b>	<b>Internship</b>	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	<b>FIN</b>	<b>4930</b>	<b>Readings</b>	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	<b>FIN</b>	<b>4940</b>	<b>Independent Research</b>	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	<b>FIN</b>	<b>4940H</b>	<b>Honors Thesis</b>	Research	1 to 3	9	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: Permission required CR, PR Honors thesis.								

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COB	FIN	<b>FIN</b>	<b>4990</b>	<b>Chartered Financial Analyst Level I Preparation</b>	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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COB	MGT	<b>BA</b>	<b>1000</b>	<b>Introduction to the College of Business</b>	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	<b>BA</b>	<b>1100</b>	<b>Introduction to Business and Ethical Reasoning</b>	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	<b>BA</b>	<b>1500</b>	<b>Introduction to Business Communication and Professional Skills</b>	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	<b>BA</b>	<b>1600</b>	<b>Introduction to Business Problems</b>	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	<b>BA</b>	<b>2000</b>	<b>Career Management Strategies</b>	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	<b>BA</b>	<b>2290</b>	<b>Cultural Explorations through Global Consulting</b>	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	<b>BA</b>	<b>2500</b>	<b>Strategic Business Communication</b>	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	<b>BA</b>	<b>2900</b>	<b>Special Topics in Business Administration</b>	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	<b>BA</b>	<b>2910</b>	<b>Internship</b>	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	<b>BA</b>	<b>2950</b>	<b>Select Leaders I: Leadership Development for Sophomores</b>	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	<b>BA</b>	<b>2970T</b>	<b>Business Administration Tutorial</b>	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.								

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COB	MGT	<b>BA</b>	<b>2971T</b>	<b>Business Administration Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC								
		COURSE DESC:		Individualized tutorial for HTC students only to conduct in depth research on a business topic. Second year.								
COB	MGT	<b>BA</b>	<b>2980T</b>	<b>Business Administration Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC								
		COURSE DESC:		Individualized tutorial for HTC students only to conduct in depth research on a business topic. First year.								
COB	MGT	<b>BA</b>	<b>2981T</b>	<b>Business Administration Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC								
		COURSE DESC:		Individualized tutorial for HTC students only to conduct in depth research on a business topic. Second year.								
COB	MGT	<b>BA</b>	<b>3290</b>	<b>Current Global Business Issues</b>	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	<b>BA</b>	<b>3400</b>	<b>Integrated Business Cluster Project</b>	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	<b>BA</b>	<b>3500</b>	<b>Ohio International Consulting Program</b>	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	<b>BA</b>	<b>3900</b>	<b>Topics in Business Ethics</b>	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	<b>BA</b>	<b>3910</b>	<b>Internship</b>	Internship	1 to 3	3	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: BA 2000 and permission								
		COURSE DESC:		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	<b>BA</b>	<b>3950</b>	<b>Select Leaders II: Leadership Development for Juniors</b>	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	<b>BA</b>	<b>3960</b>	<b>Emerging Leaders I: Leadership Development</b>	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.								

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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	<b>BA</b>	<b>3965</b>	<b>Emerging Leaders II: Leadership Development</b>	Seminar	1 to 2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Selection into Emerging Leaders Program								
		COURSE DESC:		Emerging Leaders II is designed to provide students with the tools and skills they need to become effective leaders. Students participate in a series of sessions entitled Speak as Well as You Think, based on the work of John Vautier. These sessions are designed to improve the speaking and message delivery of leaders. Students are videotaped and provided one on one feedback regarding their message and delivery of the message. Students participate in designing news ways of thinking about challenging the process and innovation through a series of sessions around lean thinking, value stream mapping, problem solving, and innovation. Lastly, students participate in a series of sessions, based on the book by Kouzes and Posner entitled The Leadership Challenge. Students lead each of the sessions and engage their colleagues in discussions and experiential exercises to more deeply understand and practice the behaviors necessary to be an effective leader.								
COB	MGT	<b>BA</b>	<b>3970T</b>	<b>Business Administration Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC								
		COURSE DESC:		Individualized tutorial for HTC students only to conduct in depth research on a business topic. Third year.								
COB	MGT	<b>BA</b>	<b>3980T</b>	<b>Business Administration Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC								
		COURSE DESC:		Individualized tutorial for HTC students only to conduct in depth research on a business topic. Third year.								
COB	MGT	<b>BA</b>	<b>4900</b>	<b>Special Topics in Business Administration</b>	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: COB only and (Soph or Jr or Sr)								
		COURSE DESC:		CR Specific course content will vary with offering.								
COB	MGT	<b>BA</b>	<b>4905</b>	<b>Seminar in Business Administration</b>	Seminar	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		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	<b>BA</b>	<b>4910</b>	<b>Internship</b>	Internship	1 to 3	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		COURSE DESC:		PR, F Participation in day-to-day activities of a business concern for at least four consecutive weeks.								
COB	MGT	<b>BA</b>	<b>4920</b>	<b>International Business Experience</b>	Practicum	6	12	BDP; BLD	N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: BA 2290								
		COURSE DESC:		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	<b>BA</b>	<b>4930</b>	<b>Readings in Business Administration</b>	Ind Study	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR, PR Directed readings in topics in Business Administration arranged by student proposal of topic and faculty supervisor approval.								
COB	MGT	<b>BA</b>	<b>4940</b>	<b>Independent Research in Business Administration</b>	Research	1 to 3	999	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Written proposal								
		COURSE DESC:		CR, PR Research in selected fields of business administration under direction of faculty member.								
COB	MGT	<b>BA</b>	<b>4950</b>	<b>Select Leaders III: Leadership Development for Seniors</b>	Seminar	1 to 2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Student in Select Leaders Program								
		COURSE DESC:		The senior year in the program focuses on establishing a legacy. A key element of the Select Leadership Development Program is servant leadership, which is exemplified during the senior year of the program. Seniors are the leaders of the program and are essential to the growth of the sophomores and juniors. Seniors reflect on their development in the program and share their experiences with younger members. The goal of seniors is to achieve Interdependence in Covey's 7 Habits model. Seniors focus on the Leadership Practices Inventory behavior Enable Others to Act. They recognize potential in younger members and empower them to grow in their leadership.								
COB	MGT	<b>BA</b>	<b>4970T</b>	<b>Business Administration Tutorial</b>	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 prepare students to conduct in depth research on a business topic. This is a thesis tutorial.								



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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	<b>BA</b>	<b>4980T</b>	<b>Business Administration Tutorial</b>	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	<b>BA</b>	<b>5950</b>	<b>Seminar in Business Administration</b>	Seminar	1 to 4	9		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Special topics in business administration.								
COB	MGT	<b>BMT</b>	<b>1010</b>	<b>Business and Its Environment</b>	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	<b>BMT</b>	<b>1100</b>	<b>Introduction to Management</b>	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	<b>BMT</b>	<b>1150</b>	<b>Foundations of Quality and Continuous Improvement</b>	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	<b>BMT</b>	<b>1200</b>	<b>Mathematics in Business</b>	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	<b>BMT</b>	<b>1400</b>	<b>Concepts of Marketing</b>	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	<b>BMT</b>	<b>1500</b>	<b>Elements of Supervision</b>	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	<b>BMT</b>	<b>1700</b>	<b>Small Business Operations</b>	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	<b>BMT</b>	<b>1800</b>	<b>Women in Management and Leadership</b>	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	<b>BMT</b>	<b>1890</b>	<b>Independent Study</b>	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	<b>BMT</b>	<b>2000</b>	<b>Introduction to Business Computing</b>	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	<b>BMT</b>	<b>2030</b>	<b>Business Career Profiles</b>	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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COB	MGT	<b>BMT</b>	<b>2100</b>	<b>Managing Finance in Business</b>	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	<b>BMT</b>	<b>2200</b>	<b>Concepts of Purchasing Management</b>	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	<b>BMT</b>	<b>2300</b>	<b>Concepts of Sales</b>	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	<b>BMT</b>	<b>2350</b>	<b>Basic Retailing Service Marketing and Management</b>	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	<b>BMT</b>	<b>2400</b>	<b>Concepts of Audience Analysis</b>	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	<b>BMT</b>	<b>2500</b>	<b>Practical Personnel Procedures</b>	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	<b>BMT</b>	<b>2550</b>	<b>Visual Merchandising in Retail and Service Organizations</b>	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	<b>BMT</b>	<b>2600</b>	<b>Business Report Writing</b>	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	<b>BMT</b>	<b>2700</b>	<b>Advertising Concepts</b>	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	<b>BMT</b>	<b>2750</b>	<b>Managerial Planning</b>	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	<b>BMT</b>	<b>2800</b>	<b>Concepts of Labor and Management Relations</b>	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	<b>BMT</b>	<b>2850</b>	<b>Government and Business</b>	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	<b>BMT</b>	<b>2880</b>	<b>Computer Applications for Management</b>	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	<b>BMT</b>	<b>2890</b>	<b>Special Topics</b>	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.								

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COB	MGT	<b>BMT</b>	<b>2900</b>	<b>Special Topics in Business Management Technology</b>	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	<b>BUSL</b>	<b>2000</b>	<b>Law and Society</b>	Lecture	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Not COB except BS 8123 or BS5511 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	<b>BUSL</b>	<b>2550</b>	<b>The Legal Environment of Business</b>	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	<b>BUSL</b>	<b>2600</b>	<b>Business Regulation and Compliance</b>	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	<b>BUSL</b>	<b>2900</b>	<b>Special Topics in Business Law</b>	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	<b>BUSL</b>	<b>3400</b>	<b>Law of Food</b>	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	<b>BUSL</b>	<b>3570</b>	<b>Law of Commercial Transactions</b>	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	<b>BUSL</b>	<b>3780</b>	<b>Legal Aspects of Entrepreneurship</b>	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	<b>BUSL</b>	<b>3850</b>	<b>International Business Law</b>	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	<b>BUSL</b>	<b>3910</b>	<b>Internship</b>	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	<b>BUSL</b>	<b>4650</b>	<b>Law of Sports</b>	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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COB	MGT	<b>BUSL</b>	<b>4810</b>	<b>Seminar</b>	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	<b>BUSL</b>	<b>4900</b>	<b>Special Topics in Business Law</b>	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	<b>BUSL</b>	<b>4930</b>	<b>Independent Research</b>	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	<b>BUSL</b>	<b>5000</b>	<b>Law and Society</b>	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	<b>BUSL</b>	<b>5400</b>	<b>Law of Food</b>	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	<b>BUSL</b>	<b>5570</b>	<b>Law of Commercial Transactions</b>	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	<b>BUSL</b>	<b>5650</b>	<b>Law of Sports</b>	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	<b>BUSL</b>	<b>5950</b>	<b>Seminar in Business Law</b>	Seminar	1 to 4	9		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Special topics seminar for business law.								
COB	MGT	<b>MBA</b>	<b>6110</b>	<b>MBA Core I</b>	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	<b>MBA</b>	<b>6120</b>	<b>MBA Core II</b>	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	<b>MBA</b>	<b>6130</b>	<b>MBA Core III</b>	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.								

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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	<b>MBA</b>	<b>6300</b>	<b>Building &amp; Developing Customer Relationships</b>	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	<b>MBA</b>	<b>6310</b>	<b>Foundations of Accounting</b>	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	<b>MBA</b>	<b>6315</b>	<b>Accounting for Executives</b>	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	<b>MBA</b>	<b>6320</b>	<b>Descriptive Analytics</b>	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	<b>MBA</b>	<b>6325</b>	<b>Prescriptive Analytics</b>	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	<b>MBA</b>	<b>6330</b>	<b>Financial Markets</b>	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	<b>MBA</b>	<b>6335</b>	<b>Managerial Finance</b>	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	<b>MBA</b>	<b>6340</b>	<b>Organizational Behavior and Human Resource Management</b>	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	<b>MBA</b>	<b>6345</b>	<b>Financial Markets and Institutions</b>	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.							

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COB	MGT	<b>MBA</b>	<b>6350</b>	<b>Strategic Marketing</b>	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	<b>MBA</b>	<b>6355</b>	<b>Investments</b>	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	<b>MBA</b>	<b>6360</b>	<b>Strategic Use of Information Systems</b>	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	<b>MBA</b>	<b>6365</b>	<b>Advanced Corporate Finance</b>	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	<b>MBA</b>	<b>6370</b>	<b>Operations Management</b>	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	<b>MBA</b>	<b>6380</b>	<b>Strategy</b>	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	<b>MBA</b>	<b>6390</b>	<b>Predictive Analytics</b>	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	<b>MBA</b>	<b>6395</b>	<b>Business Intelligence</b>	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	<b>MBA</b>	<b>6400</b>	<b>Sales Leadership</b>	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.								

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COB	MGT	<b>MBA</b>	<b>6420</b>	<b>Programming for Analytics</b>	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	<b>MBA</b>	<b>6425</b>	<b>Leadership and Change Management</b>	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	<b>MBA</b>	<b>6460</b>	<b>Strategic Use of Analytics</b>	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	<b>MBA</b>	<b>6490</b>	<b>Predictive Analytics II</b>	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	<b>MBA</b>	<b>6495</b>	<b>Business Intelligence II</b>	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	<b>MBA</b>	<b>6500</b>	<b>Sales Analytics</b>	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	<b>MBA</b>	<b>6525</b>	<b>Ethics in Leadership</b>	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	<b>MBA</b>	<b>6560</b>	<b>Analytics for Executives</b>	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	<b>MBA</b>	<b>6900</b>	<b>Special Topics in Business</b>	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.								

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COB	MGT	<b>MBA</b>	<b>6910</b>	<b>MBA Core IV</b>	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	<b>MBA</b>	<b>6910</b>	<b>MBA Core IV</b>	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	<b>MBA</b>	<b>6911</b>	<b>Internship</b>	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	<b>MBA</b>	<b>6912</b>	<b>Applied Business Experience</b>	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	<b>MBA</b>	<b>6915</b>	<b>Integrated Strategy Project</b>	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	<b>MBA</b>	<b>6920</b>	<b>MBA Experiential Learning</b>	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	<b>MBA</b>	<b>6920</b>	<b>MBA Experiential Learning</b>	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	<b>MBA</b>	<b>6921</b>	<b>Consulting Capstone and International Immersion</b>	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	<b>MBA</b>	<b>6922</b>	<b>New Venture Planning</b>	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.								



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COB	MGT	<b>MBA</b>	<b>6924</b>	<b>Analytics Practicum</b>	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	<b>MBA</b>	<b>6930</b>	<b>Graduate Readings Course</b>	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	<b>MBA</b>	<b>6931</b>	<b>Independent Study</b>	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	<b>MGT</b>	<b>1400</b>	<b>Copeland Scholars: Leadership Development</b>	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	<b>MGT</b>	<b>1900</b>	<b>Special Topics in Management &amp; Strategic Leadership</b>	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	<b>MGT</b>	<b>2000</b>	<b>Introduction to Management</b>	Lecture	3	0	2SS	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:		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	<b>MGT</b>	<b>2000A</b>	<b>Honors Experience: Introduction to Management</b>	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	<b>MGT</b>	<b>2100</b>	<b>Introduction to Management and Organization</b>	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	<b>MGT</b>	<b>2590</b>	<b>Strategic Leadership Onboarding</b>	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	<b>MGT</b>	<b>2640</b>	<b>Managing Intercultural Effectiveness in Organizations</b>	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	<b>MGT</b>	<b>2900</b>	<b>Special Topics in Management</b>	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
COB	MGT	<b>MGT</b>	<b>2910</b>	<b>Internship</b>	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	<b>MGT</b>	<b>3000</b>	<b>Principles of Operations</b>	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	<b>MGT</b>	<b>3050</b>	<b>Applied Management and Supervision</b>	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	<b>MGT</b>	<b>3100</b>	<b>Values, Business Ethics, and Corporate Responsibility</b>	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	<b>MGT</b>	<b>3200</b>	<b>Operations Management</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(QBA 1720 or 2010 or MATH 2500) and COB. No credit for MGT 3000 if taken after MGT 3200						
		COURSE DESC:		More than any other function, operations provides an organization with the capability to compete successfully in the global marketplace. With proper operations management, the firm can provide a product or service of higher quality in less time and at less cost than the competition. Emphasis on conceptual understanding of the operations function and includes the following topics: product/process selection and design, facility location and layout, capacity, material and inventory management, quality, etc.								
COB	MGT	<b>MGT</b>	<b>3200A</b>	<b>Honors Experience in Operations Management</b>	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	<b>MGT</b>	<b>3250</b>	<b>Project Management</b>	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	<b>MGT</b>	<b>3270</b>	<b>Sustainable Supply Chain Management</b>	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	<b>MGT</b>	<b>3300</b>	<b>Human Resource Management</b>	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	<b>MGT</b>	<b>3400</b>	<b>Organizational Behavior</b>	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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COB	MGT	<b>MGT</b>	<b>3410</b>	<b>Managing High Performance Teams</b>	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	<b>MGT</b>	<b>3435</b>	<b>Leadership in Practice</b>	Lecture	3	0		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	<b>MGT</b>	<b>3450</b>	<b>Entrepreneurial Leadership</b>	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	<b>MGT</b>	<b>3500</b>	<b>Theories of Organizational Effectiveness</b>	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	<b>MGT</b>	<b>3550</b>	<b>Creativity and Innovation Management</b>	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	<b>MGT</b>	<b>3580</b>	<b>Foundations of Festivals, Events and Entertainment Management</b>	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	<b>MGT</b>	<b>3600</b>	<b>Introduction to International Business</b>	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	<b>MGT</b>	<b>3640</b>	<b>Cultural Intelligence in Business</b>	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	<b>MGT</b>	<b>3650</b>	<b>International Market Assessment and Entry</b>	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	<b>MGT</b>	<b>3700</b>	<b>Introduction to Entrepreneurship</b>	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	<b>MGT</b>	<b>3710</b>	<b>Business Plan Design</b>	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	<b>MGT</b>	<b>3720</b>	<b>Technology Commercialization</b>	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.								

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COB	MGT	<b>MGT</b>	<b>3730</b>	<b>Entrepreneurial Business Consulting</b>	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	<b>MGT</b>	<b>3735</b>	<b>Entrepreneurship in Practice</b>	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	<b>MGT</b>	<b>3740</b>	<b>Ideation and Business Models</b>	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	<b>MGT</b>	<b>3780</b>	<b>Lean StartUp Accelerator</b>	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	<b>MGT</b>	<b>3910</b>	<b>Internship</b>	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	<b>MGT</b>	<b>4300</b>	<b>Legal Aspects of Employment and Labor</b>	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	<b>MGT</b>	<b>4370</b>	<b>Strategic Talent Management</b>	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	<b>MGT</b>	<b>4420</b>	<b>Gender Issues in Management</b>	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	<b>MGT</b>	<b>4430</b>	<b>Managerial Decision Making</b>	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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COB	MGT	<b>MGT</b>	<b>4560</b>	<b>Strategic Leadership Consulting</b>	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	<b>MGT</b>	<b>4580</b>	<b>Managing Transformations and Organizational Change</b>	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	<b>MGT</b>	<b>4590</b>	<b>Strategic Business Leadership</b>	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	<b>MGT</b>	<b>4640</b>	<b>Cross-Cultural Leadership and Management</b>	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	<b>MGT</b>	<b>4650</b>	<b>Transnational Strategy, Organization and Leadership</b>	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	<b>MGT</b>	<b>4700</b>	<b>Theories of Entrepreneurship</b>	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	<b>MGT</b>	<b>4800J</b>	<b>Business Strategy</b>	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	<b>MGT</b>	<b>4900</b>	<b>Special Topics in Management</b>	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	<b>MGT</b>	<b>4910</b>	<b>Internship</b>	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	<b>MGT</b>	<b>4930</b>	<b>Independent Research in Management &amp; Leadership</b>	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	<b>MGT</b>	<b>4940H</b>	<b>Independent Research Departmental Honors Thesis</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>MGT</b>	<b>4950</b>	<b>Seminar in Management</b>	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	<b>MGT</b>	<b>5000</b>	<b>Introduction to Management</b>	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	<b>MGT</b>	<b>5001</b>	<b>Managing Individuals and Teams</b>	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	<b>MGT</b>	<b>5002</b>	<b>Researching the Business Environment</b>	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	<b>MGT</b>	<b>5003</b>	<b>Managerial Decisions &amp; Challenges</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MGT 5001								
		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	<b>MGT</b>	<b>5004</b>	<b>Managerial Effectiveness &amp; Research</b>	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	<b>MGT</b>	<b>5006</b>	<b>Management, Strategic Leadership &amp; Strategic Communications</b>	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	<b>MGT</b>	<b>5020</b>	<b>Operations &amp; Project Management</b>	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	<b>MGT</b>	<b>5021</b>	<b>Management of Lean Six Sigma Programs</b>	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.								

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COB	MGT	<b>MGT</b>	<b>5022</b>	<b>Sustainable Supply Chain Management</b>	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	<b>MGT</b>	<b>5023</b>	<b>Supply Chain Risk Management &amp; Global Supply Chain Design</b>	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	<b>MGT</b>	<b>5024</b>	<b>Purchasing and Supply Management</b>	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	<b>MGT</b>	<b>5025</b>	<b>Supply Chain Project Management</b>	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	<b>MGT</b>	<b>5030</b>	<b>Employee Relations, Ethics &amp; Legal Aspects of HRM</b>	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	<b>MGT</b>	<b>5031</b>	<b>Talent Acquisition and Strategic Management</b>	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	<b>MGT</b>	<b>5032</b>	<b>Performance Management &amp; Total Rewards</b>	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	<b>MGT</b>	<b>5060</b>	<b>Global Context of Business</b>	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.								

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COB	MGT	<b>MGT</b>	<b>5061</b>	<b>Cross-Cultural Management and Management of Global Talent</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>MGT</b>	<b>5062</b>	<b>Global Supply Chains and Networks</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>MGT</b>	<b>5070</b>	<b>Managing Innovation and Corporate Entrepreneurship</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course focuses on how large organizations manage innovation, technology commercialization and entrepreneurship. Key activities and processes are explored in the class, including innovation management, research and development, technology commercialization, corporate entrepreneurship, incubation, corporate venturing and corporate venture capital. The class also engages students in practical projects associated with innovation and entrepreneurship within companies.								
COB	MGT	<b>MGT</b>	<b>5071</b>	<b>Ideation, Concept Development and Business Models</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>MGT</b>	<b>5072</b>	<b>New Venture Creation</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Students focus on detailed planning and validation of new ventures. This class uses a business planning format to engage student teams in industrial analysis, market research, sales and marketing planning, operations and financial planning for a new venture concept. Students learn key aspects of venture planning and acquire skills in business planning, market research and investment due diligence presentations and processes.								
COB	MGT	<b>MGT</b>	<b>5300</b>	<b>Human Resource Management</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>MGT</b>	<b>5350</b>	<b>Managing Employee Relations</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>MGT</b>	<b>5370</b>	<b>Strategic Talent Management</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	<b>MGT</b>	<b>5400</b>	<b>Organizational Behavior</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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.								
COB	MGT	<b>MGT</b>	<b>5430</b>	<b>Managerial Decision Making</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		MGT 2000 or 2100 or 5000 Decision making and problem solving in organizations from a managerial perspective.								



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COB	MGT	<b>MGT</b>	<b>5550</b>	<b>Creativity and Innovation Management</b>	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	<b>MGT</b>	<b>5580</b>	<b>Managing Transformations and Organizational Change</b>	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	<b>MGT</b>	<b>5600</b>	<b>Multinational Business</b>	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	<b>MGT</b>	<b>5720</b>	<b>Technology Commercialization</b>	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	<b>MGT</b>	<b>5935</b>	<b>Master's of Science in Management Project Proposal Development</b>	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	<b>MGT</b>	<b>5940</b>	<b>Master's of Science in Management Capstone Project</b>	Research	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	MGT 5935						
		COURSE DESC:		PR In this course masters candidates apply prior coursework in the Master's of Science in Management to an applied project in their employer's organization, to a consulting project for a client organization, or to a research project and present their recommendations or results in a written report and oral presentation.								
COB	MGT	<b>MGT</b>	<b>5950</b>	<b>Seminar</b>	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	<b>OPN</b>	<b>3150</b>	<b>Project Management</b>	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	<b>OPN</b>	<b>4900</b>	<b>Special Topics in Operations</b>	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	<b>PRCM</b>	<b>3250J</b>	<b>Business Communication</b>	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	<b>SAM</b>	<b>1000</b>	<b>Entrepreneurial Accounting</b>	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	<b>SAM</b>	<b>3000</b>	<b>Managing Systems and Projects</b>	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.								

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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	<b>SAM</b>	<b>3010</b>	<b>Managing Processes and Supply Chains</b>	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	<b>SAM</b>	<b>3020</b>	<b>Consumer Marketing</b>	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	<b>SAM</b>	<b>3030</b>	<b>Introduction to Bachelor of Science in Business (BSB) and Career Development</b>	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	<b>SAM</b>	<b>3050</b>	<b>Supervision Management</b>	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	<b>SAM</b>	<b>3100</b>	<b>Foundations of Financial Management</b>	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	<b>SAM</b>	<b>3250J</b>	<b>Strategic Managerial Communication</b>	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	<b>SAM</b>	<b>3905</b>	<b>Internship and Career Preparation</b>	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	<b>SAM</b>	<b>3910</b>	<b>Internship</b>	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	<b>SAM</b>	<b>4700</b>	<b>Managing Strategically in the Future</b>	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	<b>SAM</b>	<b>4900</b>	<b>Special Topics Science in Applied Management</b>	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.								

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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	<b>MKT</b>	<b>2020</b>	<b>Marketing Principles</b>	Lecture	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Not COB major except BS 5511 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	<b>MKT</b>	<b>2400</b>	<b>Introduction to Marketing Management</b>	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	<b>MKT</b>	<b>2900</b>	<b>Special Topics in Marketing</b>	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	<b>MKT</b>	<b>2971T</b>	<b>HTC Marketing Tutorial</b>	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	<b>MKT</b>	<b>2981T</b>	<b>HTC Marketing Tutorial</b>	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	<b>MKT</b>	<b>3020</b>	<b>Consumer Marketing</b>	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	<b>MKT</b>	<b>3400</b>	<b>Non-Profit Marketing</b>	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	<b>MKT</b>	<b>3440</b>	<b>Consumer Research</b>	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	<b>MKT</b>	<b>3580</b>	<b>Foundations of Professional Sales</b>	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	<b>MKT</b>	<b>3600</b>	<b>Entrepreneurial Sales</b>	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	<b>MKT</b>	<b>3790</b>	<b>Marketing Research</b>	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	<b>MKT</b>	<b>3910</b>	<b>Internship</b>	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.								

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COB	MKT	<b>MKT</b>	<b>3919</b>	<b>Internship</b>	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	<b>MKT</b>	<b>3970T</b>	<b>HTC Marketing Tutorial</b>	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	HTC						
		COURSE DESC:		HTC Marketing tutorial								
COB	MKT	<b>MKT</b>	<b>3980T</b>	<b>HTC Marketing Tutorial</b>	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	HTC						
		COURSE DESC:		HTC Marketing Tutorial								
COB	MKT	<b>MKT</b>	<b>4040</b>	<b>Logistics and Supply Chain Management</b>	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	<b>MKT</b>	<b>4100</b>	<b>Sustainability Marketing</b>	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	<b>MKT</b>	<b>4200</b>	<b>Services Marketing</b>	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	<b>MKT</b>	<b>4250</b>	<b>Business to Business Marketing</b>	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	<b>MKT</b>	<b>4300</b>	<b>Digital Marketing and Sales Strategies</b>	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	<b>MKT</b>	<b>4410</b>	<b>International Marketing</b>	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	<b>MKT</b>	<b>4440</b>	<b>Consumer Behavior</b>	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	<b>MKT</b>	<b>4500</b>	<b>Management of Promotion</b>	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	<b>MKT</b>	<b>4550</b>	<b>Achieving Customer Satisfaction and Service Excellence</b>	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.								

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COB	MKT	<b>MKT</b>	<b>4580</b>	<b>Sales Management</b>	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	<b>MKT</b>	<b>4600</b>	<b>Brand Management</b>	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	<b>MKT</b>	<b>4630</b>	<b>Marketing Strategy</b>	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	<b>MKT</b>	<b>4650</b>	<b>New Product Development</b>	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	<b>MKT</b>	<b>4680</b>	<b>Consultative Sales</b>	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	<b>MKT</b>	<b>4700</b>	<b>Marketplace Analytics</b>	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	<b>MKT</b>	<b>4780</b>	<b>Sales Strategy &amp; Technology</b>	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	<b>MKT</b>	<b>4900</b>	<b>Special Topics in Marketing</b>	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	<b>MKT</b>	<b>4910</b>	<b>Sales Internship</b>	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	<b>MKT</b>	<b>4919</b>	<b>Marketing Internship</b>	Internship	1 to 3	6	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC5: CR,								
				REQUISITE: Permission required								
				PR, F								
		COURSE DESC:		Marketing internship								
COB	MKT	<b>MKT</b>	<b>4930</b>	<b>Independent Study</b>	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	<b>MKT</b>	<b>4940</b>	<b>Independent Research</b>	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	<b>MKT</b>	<b>5900</b>	<b>Special Topics in Marketing</b>	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.								

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COB	MKT	<b>MKT</b>	<b>6900</b>	<b>Special Topics in Marketing</b>	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	<b>MKT</b>	<b>6910</b>	<b>Internship</b>	Field	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F								
		COURSE DESC:		Marketing internship								
COB	MKT	<b>MKT</b>	<b>6930</b>	<b>Independent Study</b>	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	<b>MKT</b>	<b>6940</b>	<b>Independent Research</b>	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	<b>SASM</b>	<b>1001</b>	<b>Inside the Business of Sports</b>	Lecture	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>SASM</b>	<b>1010</b>	<b>Introduction to Sport Management</b>	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Fr or Soph 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	<b>SASM</b>	<b>2250</b>	<b>History of the Sport Industry</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				C or better in SASM 1001 or 1010 This course will follow key trends in the development of sport industry in America from the early 19th Century through present day.								
COB	SA	<b>SASM</b>	<b>2900</b>	<b>Special Topics in Sports Administration/Sports Management</b>	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	SA	<b>SASM</b>	<b>2920</b>	<b>Practicum in Sport Management</b>	Practicum	1 to 6	6	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC5: CR,								
		COURSE DESC:		REQUISITE:								
				PR, F 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	<b>SASM</b>	<b>3010</b>	<b>Sport Marketing</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				SASM 1001 or SASM 1010 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	<b>SASM</b>	<b>3120</b>	<b>Sports Governance and Ethics</b>	Lecture	3	0	BER	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				SASM 1001 or SASM 1010 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	<b>SASM</b>	<b>3220</b>	<b>Leadership and Sport Management</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				SASM 1001 or SASM 1010 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	<b>SASM</b>	<b>3300</b>	<b>Organization &amp; Administration of Interscholastic Athletics</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				SASM 1001 or SASM 1010 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	<b>SASM</b>	<b>3400</b>	<b>Sport Data Strategy and Innovation</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				SASM 1001 or SASM 1010 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.								
COB	SA	<b>SASM</b>	<b>3500</b>	<b>External Relations in Sports</b>	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	<b>SASM</b>	<b>3760</b>	<b>Sport Facility and Event Management</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				SASM 2250 or MGT 3580 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.								

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COB	SA	<b>SASM</b>	<b>3910</b>	<b>Internship in Sport Management</b>	Internship	1 to 12	12	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: SASM 2920 and Sport Management major in Junior or Senior standing. Permission required.								
		COURSE DESC:		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	<b>SASM</b>	<b>4000</b>	<b>Diversity, Equity and Inclusion in Sport</b>	Lecture	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SASM 1001 or SASM 1010								
		COURSE DESC:		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	<b>SASM</b>	<b>4010</b>	<b>Advanced Sport Event Management</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SASM 3760								
		COURSE DESC:		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	<b>SASM</b>	<b>4020</b>	<b>Advanced Sport Facility Management</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SASM 3760								
		COURSE DESC:		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	<b>SASM</b>	<b>4110</b>	<b>International Sport Management</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SASM 1001 or SASM 1010								
		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.								
COB	SA	<b>SASM</b>	<b>4130</b>	<b>The Business of Baseball</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SASM 1001 or SASM 1010								
		COURSE DESC:		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	<b>SASM</b>	<b>4140</b>	<b>The Business of Esports</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	<b>SASM</b>	<b>4180</b>	<b>Economics of Sport</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: SASM 1001 or SASM 1010								
		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	<b>SASM</b>	<b>4200</b>	<b>Sport Analytics</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: QBA 1720								
		COURSE DESC:		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.								
COB	SA	<b>SASM</b>	<b>4250</b>	<b>Financial Issues in Sport</b>	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	<b>SASM</b>	<b>4300</b>	<b>Intercollegiate Athletics</b>	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	<b>SASM</b>	<b>4350</b>	<b>Sport Promotion and Sales Management</b>	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.								



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COB	SA	<b>SASM</b>	<b>4400</b>	<b>Sport Ticket Sales and Systems</b>	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	<b>SASM</b>	<b>4450</b>	<b>Sport Ticket Sales and Revenue Streams</b>	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	<b>SASM</b>	<b>4500</b>	<b>Bobcat Sport Consulting</b>	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	<b>SASM</b>	<b>4900</b>	<b>Special Topics in Sports Administration/Sports Management</b>	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	<b>SASM</b>	<b>4915</b>	<b>Sports Management Expedition</b>	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	<b>SASM</b>	<b>5000</b>	<b>Diversity and Inclusion in Sport</b>	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 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	<b>SASM</b>	<b>5110</b>	<b>International Sport Management</b>	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 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	<b>SASM</b>	<b>5180</b>	<b>Economics of Sport</b>	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	<b>SASM</b>	<b>5900</b>	<b>Special Topics in Sports Administration/Sports Management</b>	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	<b>SASM</b>	<b>6001</b>	<b>Sport Business Seminar</b>	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	<b>SASM</b>	<b>6002</b>	<b>Entrepreneurship in Sport Business Seminar</b>	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	<b>SASM</b>	<b>6003</b>	<b>Professional Development Seminar</b>	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	<b>SASM</b>	<b>6010</b>	<b>Sports Administration in North Carolina</b>	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.								

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COB	SA	<b>SASM</b>	<b>6015</b>	<b>Sports Administration Expedition</b>	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	<b>SASM</b>	<b>6040</b>	<b>Administration of Interscholastic Athletic Programs</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		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	<b>SASM</b>	<b>6100</b>	<b>Athletic Administration Seminar</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		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	<b>SASM</b>	<b>6110</b>	<b>Foundations of Sport Business</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		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	<b>SASM</b>	<b>6260</b>	<b>Sport Governance and Policy Development</b>	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 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	<b>SASM</b>	<b>6280</b>	<b>Legal Foundations of Risk Management in Athletics</b>	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 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.								
COB	SA	<b>SASM</b>	<b>6320</b>	<b>Foundations of Interscholastic Athletic Administration</b>	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	<b>SASM</b>	<b>6330</b>	<b>Governance and Strategic Planning for Interscholastic Athletics</b>	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	<b>SASM</b>	<b>6340</b>	<b>Data Analysis and Communication for Interscholastic Athletics</b>	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	<b>SASM</b>	<b>6350</b>	<b>Ticket Operations and Sales</b>	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 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	<b>SASM</b>	<b>6350</b>	<b>Ticket Operations and Sales</b>	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Admission to COB graduate or certificate program or permission						
		COURSE DESC:		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.								

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COB	SA	<b>SASM</b>	<b>6351</b>	<b>Legal Foundations in Interscholastic Athletics</b>	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	<b>SASM</b>	<b>6352</b>	<b>Facility and Event Management in Interscholastic Athletic Administration</b>	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	<b>SASM</b>	<b>6353</b>	<b>Financial Administration in Interscholastic Athletics</b>	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	<b>SASM</b>	<b>6354</b>	<b>Human Resources Management in Interscholastic Athletics</b>	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	<b>SASM</b>	<b>6355</b>	<b>Marketing in Interscholastic Athletics</b>	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	<b>SASM</b>	<b>6356</b>	<b>Leadership and Ethics in Interscholastic Athletic Admin</b>	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.								
COB	SA	<b>SASM</b>	<b>6380</b>	<b>Interscholastic Athletic Leadership Seminar</b>	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	<b>SASM</b>	<b>6390</b>	<b>Interscholastic Athletic Administration Capstone</b>	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	<b>SASM</b>	<b>6410</b>	<b>Sport and Development</b>	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	<b>SASM</b>	<b>6420</b>	<b>Ethics in Sports</b>	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	<b>SASM</b>	<b>6470</b>	<b>Athletic Fundraising</b>	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.							

**MASTER CURRICULUM FILE  
COURSE LISTING  
SORTED BY 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	<b>SASM</b>	<b>6475</b>	<b>Applied Sports Fundraising and Development in ICA</b>	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	<b>SASM</b>	<b>6480</b>	<b>Public Assembly Facility and Event Management</b>	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 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	<b>SASM</b>	<b>6550</b>	<b>Sport Marketing</b>	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 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	<b>SASM</b>	<b>6560</b>	<b>Applied Sports Marketing Project</b>	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	<b>SASM</b>	<b>6570</b>	<b>Sponsorship in Sports</b>	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 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.								
COB	SA	<b>SASM</b>	<b>6575</b>	<b>Applied Sports Sponsorship Project</b>	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	<b>SASM</b>	<b>6580</b>	<b>Revenue Generation in Sport</b>	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 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	<b>SASM</b>	<b>6585</b>	<b>Sport Business Revenue Strategies</b>	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	<b>SASM</b>	<b>6650</b>	<b>Governance in Intercollegiate Athletics</b>	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 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	<b>SASM</b>	<b>6670</b>	<b>Human Resource Management in Sport Organizations</b>	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 overview of human resources in sport organizations. Students will discuss managerial functions in sport 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
COB	SA	<b>SASM</b>	<b>6700</b>	<b>Financial Management for Sport Administration</b>	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 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	<b>SASM</b>	<b>6800</b>	<b>Research Methods in Sports Administration</b>	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 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	<b>SASM</b>	<b>6850</b>	<b>Introduction to Sport Analytics</b>	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	<b>SASM</b>	<b>6880</b>	<b>Contemporary Issues in Sport Administration</b>	Lecture	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to COB graduate or certificate program or permission CR, PR								
		COURSE DESC:		Select issues in sports administration are discussed.								
COB	SA	<b>SASM</b>	<b>6900</b>	<b>Special Topics in Sports Administration/Sports Management</b>	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	<b>SASM</b>	<b>6910</b>	<b>Internship in Sports Administration</b>	Field	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to COB graduate or certificate program or permission CR, PR								
		COURSE DESC:		Internship experience that provides opportunities to learn by participating in day-to-day activities of a sports and entertainment-related organization.								
COB	SA	<b>SASM</b>	<b>6920</b>	<b>Practicum</b>	Practicum	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Admission to COB graduate or certificate program or permission PR, F								
		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	<b>SASM</b>	<b>6930</b>	<b>Guided Independent Study</b>	Ind Study	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to COB graduate or certificate program or permission CR, PR								
		COURSE DESC:		Specific independent study area in the sports and entertainment industry will vary by student.								
COB	SA	<b>SASM</b>	<b>6931</b>	<b>Special Problems</b>	Ind Study	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to COB graduate or certificate program or permission CR, PR								
		COURSE DESC:		Individual or group research on problems and/or issues affecting sport, with a focus on developing management-based solutions.								
COB	SA	<b>SASM</b>	<b>6990</b>	<b>Capstone Seminar in Sports Administration</b>	Seminar	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Admission to COB graduate or certificate program or permission PR								
		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  
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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	<b>COMM</b>	<b>1000</b>	<b>Using Communication Tools</b>	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	<b>COMM</b>	<b>1900</b>	<b>Learning Community Seminar</b>	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	<b>COMM</b>	<b>1920</b>	<b>Immersive Media Practicum</b>	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	<b>COMM</b>	<b>2400</b>	<b>Introduction to Communication Innovation</b>	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	<b>COMM</b>	<b>2420X</b>	<b>Communication Innovation Studio</b>	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: COMM 2400								
		COURSE DESC:		NC This course serves Scripps college of Communication Innovation Scholars and builds on the foundation of communication innovation by giving students the autonomy to propose discipline-specific projects while maintaining a collaborative environment of feedback. Additionally, students offer mentorship to innovation scholars in their first year.								
COM	COM	<b>COMM</b>	<b>2900</b>	<b>Special Topics in Communication</b>	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	COM	<b>COMM</b>	<b>2920</b>	<b>Immersive Media Practicum</b>	Practicum	2	4	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: COMM 1920								
		COURSE DESC:		PR, F 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	<b>COMM</b>	<b>3250</b>	<b>Virtual Reality: Project Development</b>	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	<b>COMM</b>	<b>3400X</b>	<b>Communication Innovation Studio II</b>	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE:								
		COURSE DESC:		NC This is the second studio course in the Scripps College of Communication Innovation Scholars program. Students complete discipline-								
COM	COM	<b>COMM</b>	<b>3800</b>	<b>Communication Industries and Organizations Abroad</b>	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.								
COM	COM	<b>COMM</b>	<b>3900</b>	<b>Special Topics in Communication</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>COMM</b>	<b>3920</b>	<b>Immersive Media Practicum</b>	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	<b>COMM</b>	<b>4000</b>	<b>Applied Communication Capstone</b>	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	<b>COMM</b>	<b>4023</b>	<b>Storytelling, Technology and Digital Media in Theme Parks</b>	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	<b>COMM</b>	<b>4023</b>	<b>Storytelling, Technology and Digital Media in Theme Parks</b>	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	<b>COMM</b>	<b>4260</b>	<b>Virtual Reality: Advanced Production</b>	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	<b>COMM</b>	<b>4920</b>	<b>Immersive Media Practicum</b>	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	<b>COMM</b>	<b>5011</b>	<b>Crisis Communication Seminar</b>	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	<b>COMM</b>	<b>5012</b>	<b>Media for Non-Journalists Seminar</b>	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	<b>COMM</b>	<b>5013</b>	<b>Media for STEM Professionals Seminar</b>	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	<b>COMM</b>	<b>5018</b>	<b>Strategic Communication Seminar</b>	Seminar	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:								
		COURSE DESC:		PR, F 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	<b>COMM</b>	<b>5250</b>	<b>Virtual Reality: Project Development</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
SORTED BY 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	<b>COMM</b>	<b>5300</b>	<b>Crisis Communication and Planning</b>	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	<b>COMM</b>	<b>5310</b>	<b>Crisis Communication Strategy</b>	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	<b>COMM</b>	<b>5320</b>	<b>Social Analytics in Crisis Communication</b>	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	<b>COMM</b>	<b>5400</b>	<b>Media Today and Tomorrow</b>	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	<b>COMM</b>	<b>5401</b>	<b>Introduction to Media for STEM</b>	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	<b>COMM</b>	<b>5410</b>	<b>Crafting a Positive Media Message</b>	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	<b>COMM</b>	<b>5411</b>	<b>Crafting a Positive Media Message for STEM</b>	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	<b>COMM</b>	<b>5420</b>	<b>Mastering the Media Interview</b>	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 scientific messaging throughout the interview process.								
COM	COM	<b>COMM</b>	<b>5421</b>	<b>Mastering the STEM Media Interview</b>	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	<b>COMM</b>	<b>5610</b>	<b>Assessing Digital Media Transformation &amp; Innovation</b>	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	<b>COMM</b>	<b>5800</b>	<b>Strategic Communication Fundamentals</b>	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	<b>COMM</b>	<b>5830</b>	<b>Media Planning Fundamentals</b>	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	<b>COMM</b>	<b>6000</b>	<b>Introduction to Graduate Research in Communication</b>	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.								



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COM	COM	<b>COMM</b>	<b>6960</b>	<b>Master's Capstone</b>	Thesis	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		CR, PR										
		COURSE DESC:		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	<b>POCO</b>	<b>4010</b>	<b>Seminar in Political Communication</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: POCO 2010								
		PR										
		COURSE DESC:		Senior-level research course investigating selected aspects of political communication.								

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COM	COMS	<b>COMS</b>	<b>1010</b>	<b>Fundamentals of Human Communication</b>	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	<b>COMS</b>	<b>1020</b>	<b>Introduction to Undergraduate Communication Studies</b>	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	<b>COMS</b>	<b>1030</b>	<b>Fundamentals of Public Speaking</b>	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	<b>COMS</b>	<b>1100C</b>	<b>Communication Among Cultures</b>	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	<b>COMS</b>	<b>1170</b>	<b>Beginning Forensics</b>	Lecture	1 to 3	6		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR,								
				PR, F								
		COURSE DESC:		REQUISITE: Permission required 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	<b>COMS</b>	<b>2020</b>	<b>Communication and Persuasion</b>	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	<b>COMS</b>	<b>2040</b>	<b>Principles and Techniques of Interviewing</b>	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	<b>COMS</b>	<b>2050</b>	<b>Techniques of Group Discussion</b>	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	<b>COMS</b>	<b>2060</b>	<b>Communication in Interpersonal Relationships</b>	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	<b>COMS</b>	<b>2150</b>	<b>Argumentative Analysis and Advocacy</b>	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	<b>COMS</b>	<b>2170</b>	<b>Advanced Forensics</b>	Lecture	1 to 3	9		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,								
				PR, F								
		COURSE DESC:		REQUISITE: COMS 1170 Students prepare for competition in one or more individual events and/or debate as part of the Ohio University Forensics Team. Attendance at tournaments is expected.								
COM	COMS	<b>COMS</b>	<b>2200</b>	<b>Oral Interpretation of Literature</b>	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.								

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COM	COMS	<b>COMS</b>	<b>2350</b>	<b>Introduction to Communication Theory</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COMS major and (Soph or Jr or Sr)						
		COURSE DESC:		To identify the purposes, history, and application of key social and rhetorical theories of communication through reading and discussing classic works of communication theory. To understand issues of epistemology, ontology, and axiology when discussing the goals and methods related to relevant theories.								
COM	COMS	<b>COMS</b>	<b>2400</b>	<b>Communication for Innovation</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		In this course we explore the role communication plays in fostering innovation and creativity in organizations. This course surveys theories from both organizational communication and behavioral sciences in order to demonstrate the ways that communication and innovation are inextricably intertwined. Students analyze real-world cases that give them the knowledge and ability to recognize ways to improve innovation in the organizations in which they will work.								
COM	COMS	<b>COMS</b>	<b>2500</b>	<b>Organizational Communication for Nonmajors</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	WARNING: Not BC5363 or BC5364 and no credit for this course and COMS 3500						
		COURSE DESC:		It is through organizations that members of a society achieve their collective goals, from making laws and building bridges to the local and international trade of goods and services. Organizational communication is the study of how organizations accomplish these goals via the ongoing, mutual exchange of verbal and nonverbal messages. This course provides students with a firm grounding in organizational communication theory, while at the same time highlighting the very practical nature of this endeavor.								
COM	COMS	<b>COMS</b>	<b>2900</b>	<b>Special Topics in Communication Studies</b>	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	COMS	<b>COMS</b>	<b>2970T</b>	<b>Communication Studies Tutorial</b>	Tutorial	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	HTC						
		COURSE DESC:		A survey of topics and research traditions in Communication Studies, with emphasis on current issues in the student's areas of interest.								
COM	COMS	<b>COMS</b>	<b>2971T</b>	<b>Communication Studies Tutorial</b>	Tutorial	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	HTC						
		COURSE DESC:		In-depth study of a topic in Communication Studies.								
COM	COMS	<b>COMS</b>	<b>2980T</b>	<b>Communication Studies Tutorial</b>	Tutorial	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	HTC						
		COURSE DESC:		In-depth study of a topic in Communication Studies.								
COM	COMS	<b>COMS</b>	<b>2981T</b>	<b>Communication Studies Tutorial</b>	Tutorial	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	HTC						
		COURSE DESC:		In-depth study of a topic in Communication Studies.								
COM	COMS	<b>COMS</b>	<b>3060</b>	<b>Interpersonal Conflict Management</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		Analysis of the communication dynamics involved in managing interpersonal and organizational conflicts. Examination of theory and research related to conflict management. Emphasis on case studies and role-playing conflicts in various interpersonal and group settings.								
COM	COMS	<b>COMS</b>	<b>3200</b>	<b>Communication and New Technology</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Jr or Sr) and WARNING: No credit for this course if COMS 480 was taken winter 2012						
		COURSE DESC:		Explores the ways in which communication is facilitated by new technologies. Accordingly, this course fosters theoretically informed practice. In the journey through various theories related to computer-mediated communication and new communication technology, students explore opportunities for applying those theories in both professional and personal contexts.								
COM	COMS	<b>COMS</b>	<b>3250</b>	<b>Communication Technology and Organizing</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		This course explores the ways technology shifts traditional conceptions of organizations and organizing. Specifically, the course explores three themes: 1) Ways organizations use social media for communication with external stakeholders, 2) Ways organizations use technology to facilitate internal communication processes, and 3) Ways that technology creates and sustains new forms of organizing. Discussion and readings address the social, technical, and psychological factors related to the use and adoption of communication technologies. Students are encouraged to draw on personal experiences with organizations and explore opportunities or threats organizations may face while adjusting to the challenges posed by online technologies.								

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COM	COMS	<b>COMS</b>	<b>3300</b>	<b>Environmental Communication</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		Introduces students to theories and concepts in environmental communication. Students engage in a theoretical and applied exploration of a wide range of voices (e.g., Citizen and community groups, Greens, corporations and lobbyists, scientists, anti-environmentalists, public officials and regulators, journalists) and a variety of environmental issues (e.g., climate change, water and air quality, genetic engineering and nanotechnology, mountaintop removal, logging, endangered species and extinction). Topics might include the social construction of nature; human relationships with nature through discourse, rhetoric, and communication practices; critical and cultural approaches to environmental discourse; communication about environmental issues in organizational, mass media, political, and international contexts; communication around environmental controversies; stakeholder dialogue and conflict; public understanding of environmental issues; public participation in environmental decision-making; environmental risk communication; environmental campaigns; and environmental advocacy, deliberation, and public relations. Main aim is to engender understanding of how communication constructs nature, threats to the natural environment, disputes about threats, and ways of living in the natural world.								
COM	COMS	<b>COMS</b>	<b>3350</b>	<b>Managing Risk and Crisis Communication</b>	Lecture	3	0		N	U30		25
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COMS 2500 or COMS major						
		COURSE DESC:		Communication plays a central role in crisis planning, response, and resilience. The purpose of this course is to introduce students to the fundamental theories, principles, and practices surrounding crisis communication. Students examine real-life case studies on organizational crises, natural disasters, accidents, terrorism incidents, health crises, and major crises of credibility. By the end of this course, students can strategize, plan, execute, and evaluate crisis communication.								
COM	COMS	<b>COMS</b>	<b>3400</b>	<b>Introduction to Health Communication</b>	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:		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	<b>COMS</b>	<b>3410</b>	<b>Women and Health Communication</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		This course focuses on the unique communication issues for women in health-related settings. Topics include the accomplishment of relational, informational, and medical goals for women health care seekers, as well as the challenges of offering and seeking social support in contemporary society.								
COM	COMS	<b>COMS</b>	<b>3420</b>	<b>Qualitative Inquiry in Communication</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		Discussion and application of communication data collection methods such as focus group and individual interviewing, participant observation, questionnaire design, sampling procedures, and case studies.								
COM	COMS	<b>COMS</b>	<b>3500</b>	<b>Introduction to Organizational Communication</b>	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:		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	<b>COMS</b>	<b>3501</b>	<b>Advanced Organizational Communication</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COMS 3500						
		COURSE DESC:		This course builds upon, and extends, the conceptual foundations of organizational communication through analysis and critical examination of case studies. Students will read, discuss, and write about advances in contemporary organizational communication thought, practices, and research orientations.								
COM	COMS	<b>COMS</b>	<b>3520</b>	<b>Quantitative Inquiry in Communication</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Jr or Sr) and MATH 1200 or higher and WARNING: No credit for this course if the following is taken (keeps credit for the following course, as defined by department): MATH 2500 or PSY 2110 or QBA 2010 or LET 3555						
		COURSE DESC:		Provides principles and basic skills necessary to critically analyze research literature; develop basic proficiencies in structuring designs basic to descriptive and experimental studies, including data collection, analysis, and presentation techniques in communication research.								

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COM	COMS	<b>COMS</b>	<b>3600</b>	<b>Introduction to Communication in Public Advocacy</b>	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	<b>COMS</b>	<b>3601</b>	<b>Courtroom Rhetoric</b>	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	<b>COMS</b>	<b>3602</b>	<b>Political Rhetoric</b>	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	<b>COMS</b>	<b>3603</b>	<b>Contemporary Culture and Rhetoric</b>	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	<b>COMS</b>	<b>3610</b>	<b>Advanced Argument and Debate</b>	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	<b>COMS</b>	<b>3620</b>	<b>Rhetorical Inquiry and Criticism</b>	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	<b>COMS</b>	<b>3660</b>	<b>Cultural Studies and Beer</b>	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	<b>COMS</b>	<b>3920</b>	<b>Practicum in Communication Education</b>	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	<b>COMS</b>	<b>3970T</b>	<b>Communication Studies Tutorial</b>	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	<b>COMS</b>	<b>3980T</b>	<b>Communication Studies Tutorial</b>	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	<b>COMS</b>	<b>4030</b>	<b>Advanced Presentations</b>	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.								

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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	COMS	<b>COMS</b>	<b>4050</b>	<b>Meeting and Conference Planning</b>	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	<b>COMS</b>	<b>4060</b>	<b>Advanced Interpersonal Communication</b>	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	<b>COMS</b>	<b>4061</b>	<b>Communication, Dialogue, and Creativity</b>	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	<b>COMS</b>	<b>4070</b>	<b>Effective Classroom Communication for Teachers and Trainers</b>	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	<b>COMS</b>	<b>4071</b>	<b>Nonverbal Communication for Teachers and Trainers</b>	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	<b>COMS</b>	<b>4072</b>	<b>Communication in Your Workplace: Strategies for Teachers and Administrators</b>	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	<b>COMS</b>	<b>4073</b>	<b>Effective Listening and Small Group Communication for Teachers and Trainers</b>	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	<b>COMS</b>	<b>4074</b>	<b>Family Communication for Teachers and Trainers</b>	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	<b>COMS</b>	<b>4075</b>	<b>Instructional Communication Assessment for Teachers and Trainers</b>	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	<b>COMS</b>	<b>4076</b>	<b>Children's Conflict and Mediation for Teachers and Trainers</b>	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.								

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COURSE LISTING  
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COM	COMS	<b>COMS</b>	<b>4077</b>	<b>Communicating with Diverse Students</b>	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	<b>COMS</b>	<b>4080</b>	<b>The Dark Side of Organizational Communication</b>	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	<b>COMS</b>	<b>4082</b>	<b>Communication Ethics and Leadership</b>	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	<b>COMS</b>	<b>4085</b>	<b>Diversity and Inclusion in Organizational Life</b>	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	<b>COMS</b>	<b>4100</b>	<b>Cross-Cultural Communication</b>	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	<b>COMS</b>	<b>4110</b>	<b>Communicating with People with Disabilities</b>	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	<b>COMS</b>	<b>4200</b>	<b>Gender and Communication</b>	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	<b>COMS</b>	<b>4300</b>	<b>Health Communication in Neglected Tropical Disease Contexts</b>	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	<b>COMS</b>	<b>4410</b>	<b>Communication in the Family</b>	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	<b>COMS</b>	<b>4501</b>	<b>Communication &amp; Nonprofit Organizing</b>	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.								

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COM	COMS	<b>COMS</b>	<b>4510</b>	<b>Instructional Training and Development in Communication</b>	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	<b>COMS</b>	<b>4530</b>	<b>Communication and the Campaign</b>	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	<b>COMS</b>	<b>4604</b>	<b>Responsibilities and Freedom of Speech in Communication</b>	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	<b>COMS</b>	<b>4630</b>	<b>Rhetoric and Electronic Media</b>	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	<b>COMS</b>	<b>4800</b>	<b>Capstone Seminar in Communication</b>	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	<b>COMS</b>	<b>4900</b>	<b>Topics in Communication Studies</b>	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	<b>COMS</b>	<b>4910</b>	<b>Communication Studies Internship</b>	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	<b>COMS</b>	<b>4911</b>	<b>Health Communication Internship</b>	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	<b>COMS</b>	<b>4912</b>	<b>Organizational Communication Internship</b>	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	<b>COMS</b>	<b>4913</b>	<b>Communication in Public Advocacy Internship</b>	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	<b>COMS</b>	<b>4920</b>	<b>Practicum in Communication Studies</b>	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	<b>COMS</b>	<b>4930</b>	<b>Independent Study</b>	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	<b>COMS</b>	<b>4970T</b>	<b>Communication Studies Tutorial</b>	Tutorial	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC								
		COURSE DESC:		PR Thesis in Communication Studies.								



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COM	COMS	<b>COMS</b>	<b>4980T</b>	<b>Communication Studies Tutorial</b>	Tutorial	1 to 14	14		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: HTC PR								
		COURSE DESC:		Thesis in Communication Studies								
COM	COMS	<b>COMS</b>	<b>5070</b>	<b>Effective Classroom Communication for Teachers and Trainers</b>	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	<b>COMS</b>	<b>5071</b>	<b>Nonverbal Communication for Teachers and Trainers</b>	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	<b>COMS</b>	<b>5072</b>	<b>Communicating in Your Workplace: Strategies for Teachers and Administrators</b>	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	<b>COMS</b>	<b>5073</b>	<b>Effective Listening and Small Group Communication for Teachers and Trainers</b>	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	<b>COMS</b>	<b>5074</b>	<b>Family Communication for Teachers and Trainers</b>	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	<b>COMS</b>	<b>5075</b>	<b>Instructional Communication Assessment for Teachers and Trainers</b>	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	<b>COMS</b>	<b>5076</b>	<b>Children's Conflict and Mediation for Teachers and Trainers</b>	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	<b>COMS</b>	<b>5077</b>	<b>Communicating with Diverse Students for Teachers and Trainers</b>	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.								

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COURSE LISTING  
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COM	COMS	<b>COMS</b>	<b>5100</b>	<b>Field Research Methods in Communication</b>	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	<b>COMS</b>	<b>5200</b>	<b>Cross-Cultural Communication</b>	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	<b>COMS</b>	<b>5220</b>	<b>Facilitating Difficult Conversations</b>	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	<b>COMS</b>	<b>5300</b>	<b>Communication and the Campaign</b>	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	<b>COMS</b>	<b>5310</b>	<b>Theories of Argument</b>	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	<b>COMS</b>	<b>5320</b>	<b>Responsibilities and Freedom of Speech in Communication</b>	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	<b>COMS</b>	<b>5630</b>	<b>Rhetoric and Electronic Media</b>	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	<b>COMS</b>	<b>5900</b>	<b>Topics in Communication Studies</b>	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	<b>COMS</b>	<b>6000</b>	<b>Introduction to Graduate Study</b>	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	<b>COMS</b>	<b>6010</b>	<b>Theories of Communication</b>	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	<b>COMS</b>	<b>6020</b>	<b>Language and Symbol Systems</b>	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	<b>COMS</b>	<b>6100</b>	<b>Measurement Methodology in Communication</b>	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.								

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COM	COMS	<b>COMS</b>	<b>6150</b>	<b>Corporate Communication</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	<b>COMS</b>	<b>6200</b>	<b>Communication in Social Conflict</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		Roles of communication in conflict and conflict in communication. Communication strategies for reducing or managing conflict in social situations.								
COM	COMS	<b>COMS</b>	<b>6209</b>	<b>Communicating and Organizing</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	<b>COMS</b>	<b>6210</b>	<b>Negotiation and Mediation</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	<b>COMS</b>	<b>6220</b>	<b>Nonverbal Communication</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	<b>COMS</b>	<b>6230</b>	<b>Gender and Communication</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	<b>COMS</b>	<b>6240</b>	<b>Communication in the Family</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	<b>COMS</b>	<b>6250</b>	<b>Seminar in Instructional Communication</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	<b>COMS</b>	<b>6260</b>	<b>Communication Audits in Organizations</b>	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	<b>COMS</b>	<b>6270</b>	<b>Instructional Training and Development in Communication</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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.								

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COM	COMS	<b>COMS</b>	<b>6300</b>	<b>Communication and Persuasion</b>	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	<b>COMS</b>	<b>6320</b>	<b>Rhetoric, Culture, and Social Critique</b>	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	<b>COMS</b>	<b>6330</b>	<b>Modern Rhetoric</b>	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	<b>COMS</b>	<b>6340</b>	<b>Religious Rhetoric</b>	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	<b>COMS</b>	<b>6341</b>	<b>The Rhetoric of Protest and Reform</b>	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	<b>COMS</b>	<b>6342</b>	<b>The Rhetoric of the World Wars</b>	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	<b>COMS</b>	<b>6343</b>	<b>Analysis and Criticism of Legal Rhetoric</b>	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	<b>COMS</b>	<b>6344</b>	<b>Analysis and Criticism of Political Rhetoric</b>	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	<b>COMS</b>	<b>6350</b>	<b>Foucault, Discourse, and Social Change</b>	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	<b>COMS</b>	<b>6900</b>	<b>Special Topics in Communication Studies</b>	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	<b>COMS</b>	<b>6910</b>	<b>Internship</b>	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.								

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COM	COMS	<b>COMS</b>	<b>6930</b>	<b>Independent Study</b>	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	<b>COMS</b>	<b>6940</b>	<b>Research</b>	Research	1 to 12	12		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Individual research on special problems. Projects must be approved prior to registration.								
COM	COMS	<b>COMS</b>	<b>6950</b>	<b>Thesis</b>	Thesis	1 to 12	36		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Independent research as part of completion of master's degree.								
COM	COMS	<b>COMS</b>	<b>6960</b>	<b>Master's Capstone Course</b>	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	<b>COMS</b>	<b>7000</b>	<b>Professional Seminar in Communication Studies: Pedagogy</b>	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	<b>COMS</b>	<b>7001</b>	<b>Professional Seminar in Communication Studies: Scholarly Writing</b>	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	<b>COMS</b>	<b>7002</b>	<b>Professional Seminar in Communication Studies: Service</b>	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	<b>COMS</b>	<b>7003</b>	<b>Professional Seminar in Communication Studies: Advanced Pedagogy</b>	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	<b>COMS</b>	<b>7005</b>	<b>Introduction to Graduate Study in Communication</b>	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	<b>COMS</b>	<b>7010</b>	<b>Research Designs in Communication</b>	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	<b>COMS</b>	<b>7020</b>	<b>Communication Inquiry I</b>	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.								

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COM	COMS	<b>COMS</b>	<b>7030</b>	<b>Communication Inquiry II</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: COMS 7020 PR								
		COURSE DESC:		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	<b>COMS</b>	<b>7040</b>	<b>Research Design and Analysis I</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		COMS7040 (and its companion course COMS 7050) introduces students to fundamental principles of research design and analysis and serves as a foundation for other courses in the program. Students will learn theoretical principles and research skills associated with four content areas: (a) metatheoretical assumptions, (b) quantitative design and analysis, (c) qualitative design and analysis, and (d) mixed-method design.								
COM	COMS	<b>COMS</b>	<b>7050</b>	<b>Research and Design and Analysis II</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		COMS 7050 (and its companion course COMS 7040) introduces students to fundamental principles of research design and analysis and serves as a foundation for other courses in the program. Students will learn theoretical principles and research skills associated with four content areas: (a) metatheoretical assumptions, (b) quantitative design and analysis, (c) qualitative design and analysis, and (d) mixed-method design.								
COM	COMS	<b>COMS</b>	<b>7100</b>	<b>Introduction to Qualitative Methods in Communication</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Students learn fundamental principles of research design and analysis pertaining to qualitative research methods. Students learn metatheoretical assumptions that frame qualitative research projects as well as introductory strategies of collecting and analyzing qualitative data.								
COM	COMS	<b>COMS</b>	<b>7110</b>	<b>Communication Historiography I</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Bibliographic, analytical, and interpretive skills for dealing with published primary source materials, including letters, speech texts, and audiovisual recordings in their historical contexts. Designed to help students become skillful library users, situate a research problem in context, and analyze primary historical materials.								
COM	COMS	<b>COMS</b>	<b>7120</b>	<b>Communication Historiography II</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: COMS 7110 PR								
		COURSE DESC:		Techniques for research using archival material: transcripts, unpublished speeches, letters, diaries, artifacts (e.g., scrapbooks, museum exhibits), memoirs, manuscripts. Readings exemplify a variety of historical philosophies. Students research an original problem of their own definition within the theme of the semester; the writing of conference papers is encouraged. Course builds on the pedagogical skills introduced in 7110 by developing the ability to critique bibliographies, argumentation, and prose style.								
COM	COMS	<b>COMS</b>	<b>7130</b>	<b>Language and Social Interaction Research Methods in Communication</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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	<b>COMS</b>	<b>7140</b>	<b>Qualitative Analysis in Communication</b>	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	<b>COMS</b>	<b>7170</b>	<b>Contemporary and Critical Approaches to Ethnographic Methods</b>	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.								

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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	<b>COMS</b>	<b>7190</b>	<b>Advanced Topics in Qualitative Communication Research</b>	Seminar	4	12		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Advanced seminar focusing on qualitative research in communication studies. Topic varies with instructor. Students may repeat course as topics rotate for a total of 12 credits. Students should have some background in qualitative research prior to taking this course.								
COM	COMS	<b>COMS</b>	<b>7200</b>	<b>Introduction to Relating and Organizing</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	<b>COMS</b>	<b>7210</b>	<b>Communication Process in Small Groups</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	<b>COMS</b>	<b>7220</b>	<b>Communicative Process in Organizations</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	<b>COMS</b>	<b>7230</b>	<b>Communication and Information Diffusion</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	<b>COMS</b>	<b>7250</b>	<b>Organization Communication Consulting: Foundational Perspectives</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	<b>COMS</b>	<b>7300</b>	<b>Introduction to Rhetoric and Public Culture</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		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	<b>COMS</b>	<b>7320</b>	<b>Communication Historiography Methods</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Students develop bibliographic, analytical, and interpretive skills for dealing with primary source materials published in print and those made available in databases or online archives, including letters, speech texts, and audiovisual recordings in their historical contexts. This course is designed to help students become skillful library users, situate a research problem in context, and analyze primary historical materials.								
COM	COMS	<b>COMS</b>	<b>7340</b>	<b>Narrative Approaches to Rhetorical Criticism</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This rhetorical methods class explores narrative approaches to rhetorical criticism. "Narrative" is construed broadly to encompass methods that view rhetorical transactions as dramatic events or as story-telling. Examples of narrative approaches to rhetorical criticism include Kenneth Burke's dramatic approach, Ernest Bormann's rhetorical vision/fantasy theme analysis, or Walter Fisher's narrative perspective. These approaches tend to construe rhetorical discourse as involving heroes/villains (protagonist/antagonist), conflict, and events (a plot).								
COM	COMS	<b>COMS</b>	<b>7350</b>	<b>Advanced Techniques in Rhetorical Criticism</b>	Seminar	4	12		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		The course offers an in-depth study of the theoretical underpinning and methodologies in specific techniques of rhetorical criticism. Although the specific rhetorical scholar or school of rhetorical scholars will vary by instructor, each seminar will engage the interdisciplinary dimensions of a specific technique of criticism of rhetorical interactions.								

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COM	COMS	<b>COMS</b>	<b>7370</b>	<b>Performance Methods in Communication Studies</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course focuses on performance as a paradigm for the study of communication processes, broadly defined. Performance is approached as method, experience, metaphor, and subject of analysis. The course is both conceptual and practical. It introduces students to key concepts in performance theory such as ritual, identity performance, culture, play, performativity, performing, performance texts, and performance process. Students gain experiential training in performance ethnography, ethnography of performance, autobiographical performance, autoethnographic performance, social justice organizing and performance, and performative writing. This training is accomplished through exercises in textual, aural, performative, material, poetic, and other sense-based representation of performance and everyday life.								
COM	COMS	<b>COMS</b>	<b>7400</b>	<b>Introduction to Health Communication</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	Survey of the wide range of topics within the area of health communication, including cultural concepts of health, patient centered meanings of health, physician patient interaction, social support, health promotion campaigns, harm reduction campaigns, mass media constructions of health, risk communication, and health-related values and ethics.							
COM	COMS	<b>COMS</b>	<b>7510</b>	<b>Quantitative Research Design in Communication</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course focuses on practical and conceptual skills necessary for conducting high-quality quantitative research in communication. The course covers survey and experimental designs that are particularly relevant to communication studies.								
COM	COMS	<b>COMS</b>	<b>7520</b>	<b>Quantitative Measurement and Preliminary Analysis in Communication</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course covers measurement of quantitative data and the preliminary analyses required before conducting the substantive analysis of hypotheses and research questions. The measurement portion of the course focuses on decision making and techniques for producing and working with quantitative data, focusing in particular on conceptualizing and operationalizing quantitative variables. Students will explore statistical techniques for assessing measurement including reliability and exploratory factor analyses. The preliminary analysis portion of the course explores issues such as data cleaning, diagnosis and resolution of missing data issues, item-level analyses, forming multi-item scales, transformation, and evaluating confounds and covariates.								
COM	COMS	<b>COMS</b>	<b>7530</b>	<b>Mediation and Moderation in Quantitative Methods in Communication</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course provides an introduction to the quantitative research method of moderation and mediation. A moderator variable is one that influences the strength of a relationship between two other variables, and a mediator variable is one that explains the relationship between the two other variables. This course is both conceptual and analytical. Students learn how to theoretically propose moderation analyses vs. mediation analyses and how to rationalize one approach over the other. Students also practice moderation and mediation through multiple regression and simple path analyses techniques (SPSS, PROCESS, and AMOS).								
COM	COMS	<b>COMS</b>	<b>7540</b>	<b>Methods of Content Analysis in Communication Studies</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Students learn theory and methods of quantitative content analysis of texts. Texts include interview transcripts, letters, social media content, visual communication, and traditional mediated texts.								
COM	COMS	<b>COMS</b>	<b>7590</b>	<b>Topics in Quantitative Methods in Communication</b>	Seminar	4	12		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course focuses on particular quantitative methods (e.g., multi-level modeling, meta-analysis, big data, longitudinal analysis, growth curve modelling, network analysis, etc.) not covered by regularly offered courses. Topics will vary and the course may be repeated three times as topics rotate.								
COM	COMS	<b>COMS</b>	<b>7900</b>	<b>Topics in Communication Studies I</b>	Seminar	4	24		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	Seminars focused on a special topic with a COMS faculty instructor, a visiting faculty member, or a visiting professional.							
COM	COMS	<b>COMS</b>	<b>7901</b>	<b>Interdisciplinary Seminar</b>	Seminar	4	20		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR	Seminar contents vary.							
COM	COMS	<b>COMS</b>	<b>7940</b>	<b>Research</b>	Research	1 to 12	12		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		CR, PR	Individual research on special projects. Projects must be approved prior to registration.							



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COM	COMS	<b>COMS</b>	<b>8200</b>	<b>Foundations of Organizational Communication</b>	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	<b>COMS</b>	<b>8210</b>	<b>Foundations of Interpersonal Communication</b>	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	<b>COMS</b>	<b>8220</b>	<b>Public Deliberation</b>	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	<b>COMS</b>	<b>8230</b>	<b>Integrated Research in Communication Studies</b>	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	<b>COMS</b>	<b>8240</b>	<b>Communication and Identity</b>	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	<b>COMS</b>	<b>8250</b>	<b>Communication in Personal &amp; Social Relationships</b>	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	<b>COMS</b>	<b>8260</b>	<b>Communication, Innovation, and Organizational Change</b>	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	<b>COMS</b>	<b>8270</b>	<b>Dialogue, Narrative, and Communication</b>	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	<b>COMS</b>	<b>8280</b>	<b>Topics in Advanced Interpersonal Communication</b>	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.								

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COM	COMS	<b>COMS</b>	<b>8285</b>	<b>Topics in Advanced Organizational Communication</b>	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	<b>COMS</b>	<b>8290</b>	<b>Topics in Relating and Organizing</b>	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	<b>COMS</b>	<b>8300</b>	<b>Rhetorical Theory</b>	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	<b>COMS</b>	<b>8310</b>	<b>Rhetoric and Popular Culture</b>	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	<b>COMS</b>	<b>8320</b>	<b>Rhetorical and Communicative Functions of Technology</b>	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	<b>COMS</b>	<b>8330</b>	<b>Feminist Rhetorical Theory</b>	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	<b>COMS</b>	<b>8340</b>	<b>Rhetorical Criticism</b>	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	<b>COMS</b>	<b>8350</b>	<b>Studies in American Rhetoric</b>	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	<b>COMS</b>	<b>8360</b>	<b>Topics in Communication and Cultural Critique</b>	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	<b>COMS</b>	<b>8390</b>	<b>Topics in Rhetoric and Culture</b>	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.							

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COM	COMS	<b>COMS</b>	<b>8400</b>	<b>Health Communication in Organizing</b>	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	<b>COMS</b>	<b>8420</b>	<b>Health Communication and Culture</b>	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	<b>COMS</b>	<b>8430</b>	<b>Relational Issues in Health Communication</b>	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	<b>COMS</b>	<b>8440</b>	<b>Health Communication and Society</b>	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	<b>COMS</b>	<b>8450</b>	<b>Health Communication Campaigns</b>	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	<b>COMS</b>	<b>8460</b>	<b>Persuasion and Social Influence in Communication</b>	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	<b>COMS</b>	<b>8470</b>	<b>Communication and Uncertainty in Health and Illness</b>	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	<b>COMS</b>	<b>8480</b>	<b>Environmental Communication</b>	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	<b>COMS</b>	<b>8490</b>	<b>Special Topics in Health Communication</b>	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.								

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COM	COMS	<b>COMS</b>	<b>8900</b>	<b>Special Topics in Communication Studies II</b>	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	<b>COMS</b>	<b>8950</b>	<b>Dissertation</b>	Thesis	1 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	<b>POCO</b>	<b>2010</b>	<b>Introduction to Political Communication</b>	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	<b>POCO</b>	<b>2900</b>	<b>Special Topics in Political Communication</b>	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	<b>POCO</b>	<b>4900</b>	<b>Special Topics in Political Communication</b>	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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COM	ECT	<b>ECT</b>	<b>1210</b>	<b>Understanding Virtual Reality Technology</b>	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	<b>ECT</b>	<b>1210</b>	<b>Understanding Virtual Reality Technology</b>	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	<b>ECT</b>	<b>1700</b>	<b>Foundations of Virtual Reality and Game Design</b>	Lecture	3	0		N	U30		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	<b>ECT</b>	<b>1710</b>	<b>Digital Tools for Virtual Reality and Game Development</b>	Laboratory	2	0		N	U30		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	<b>ECT</b>	<b>2210</b>	<b>Introduction to VR Production</b>	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	<b>ECT</b>	<b>2210</b>	<b>Introduction to VR Production</b>	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	<b>ECT</b>	<b>2401</b>	<b>Digital Game Design: Concepts</b>	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	<b>ECT</b>	<b>2411</b>	<b>Digital Game Design: World Creation</b>	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	<b>ECT</b>	<b>2750</b>	<b>New Media Storytelling</b>	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	<b>ECT</b>	<b>2900</b>	<b>Special Topics in VR and Game Development</b>	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	<b>ECT</b>	<b>3005</b>	<b>Esports Seminar</b>	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	<b>ECT</b>	<b>3210</b>	<b>Virtual Reality Production: Immersive Audio</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: COMM 2200								
				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.								

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COM	ECT	<b>ECT</b>	<b>3220</b>	<b>Virtual Reality Production: cineVR</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECT 1700, 1710, 2210								
		COURSE DESC:		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	<b>ECT</b>	<b>3230</b>	<b>Virtual Reality Production: Interactive</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECT 1700, 1710, 2210								
		COURSE DESC:		This course explores the process of designing, creating, testing and distributing interactive virtual content.								
COM	ECT	<b>ECT</b>	<b>3260J</b>	<b>Virtual Reality Critical Analysis and Evaluation</b>	Lecture	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECT 1210 and (ENG 1510 or 1610) and (Jr or Sr)								
		COURSE DESC:		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	<b>ECT</b>	<b>3401</b>	<b>Game Development I</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECT 1710 and 2401								
		COURSE DESC:		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	<b>ECT</b>	<b>4110</b>	<b>Augmented Reality Development</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	<b>ECT</b>	<b>4250</b>	<b>Transmedia Storytelling</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECT 2750								
		COURSE DESC:		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	<b>ECT</b>	<b>4401</b>	<b>Game Development II</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in MDIA 3401								
		COURSE DESC:		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	<b>ECT</b>	<b>4900</b>	<b>Topical Seminar</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ECT 2210 or 2401 and (Jr or Sr)								
		COURSE DESC:		Seminar covers specialized topics in Emerging Communications Technology.								
COM	ECT	<b>ECT</b>	<b>4910</b>	<b>Internship</b>	Internship	1 to 12	12	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		COURSE DESC:		Emerging Communication Technology internship with an approved company, agency, or organization. An application is required.								
COM	ECT	<b>ECT</b>	<b>4920</b>	<b>Practicum</b>	Practicum	1 to 6	12	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		COURSE DESC:		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	<b>ECT</b>	<b>5110</b>	<b>Augmented Reality Development</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	<b>ECT</b>	<b>5210</b>	<b>Virtual Reality Production: Immersive Audio</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course explores the process of designing, pre-producing, creating, and distributing immersive audio experiences as stand-alone projects and in combination with visual assets such as digital environments and 360-degree stories.								
COM	ECT	<b>ECT</b>	<b>5220</b>	<b>Virtual Reality Production: cineVR</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	<b>ECT</b>	<b>5230</b>	<b>Virtual Reality Production: Interactive</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course explores the process of designing, creating, testing and distributing interactive virtual content.								
COM	ECT	<b>ECT</b>	<b>5250</b>	<b>Transmedia Storytelling</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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.								

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COM	ECT	<b>ECT</b>	<b>5401</b>	<b>Game Development I</b>	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	<b>ECT</b>	<b>5402</b>	<b>Game Development II</b>	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	<b>ECT</b>	<b>5900</b>	<b>Topical Seminar</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Seminar covers specialized topics in Emerging Communications Technology.								
COM	ECT	<b>ECT</b>	<b>6200</b>	<b>Virtual Reality Studio</b>	Studio	1 to 6	12		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>ECT</b>	<b>6910</b>	<b>Experiential Learning in Emerging Communication Technologies</b>	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	<b>ECT</b>	<b>6960</b>	<b>MFA Production Thesis in Scripps College of Communication</b>	Thesis	1 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	<b>ITS</b>	<b>1010</b>	<b>Consumer Issues in Telecommunication</b>	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	<b>ITS</b>	<b>1801</b>	<b>Introduction to Scripting</b>	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	<b>ITS</b>	<b>2010</b>	<b>Understanding Internet Technology</b>	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.								
COM	ECT	<b>ITS</b>	<b>2140</b>	<b>Introduction to Information and Telecommunication Systems</b>	Lecture	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>ITS</b>	<b>2300</b>	<b>Data Networking</b>	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								

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COM	ECT	<b>ITS</b>	<b>2300</b>	<b>Data Networking</b>	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	<b>ITS</b>	<b>2801</b>	<b>Scripting Projects</b>	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	<b>ITS</b>	<b>2900</b>	<b>Special Topics in Information and Telecommunication Systems</b>	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	<b>ITS</b>	<b>3019</b>	<b>Information and Telecommunications Policy I</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				ECON 1030 and C or better in ITS 2140				
		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	<b>ITS</b>	<b>3021</b>	<b>Information and Telecommunications Policy II</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				C or better in ITS 3019				
		COURSE DESC:		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	<b>ITS</b>	<b>3100</b>	<b>Internet Applications and Network Systems</b>	Laboratory	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F				C or better in (ITS 2140 and 2300)				
		COURSE DESC:		Principles of operation and design of typical voice and data communication systems. Includes switching, routing, transmission, and broadband networks, with an emphasis on network applications								
COM	ECT	<b>ITS</b>	<b>3100</b>	<b>Internet Applications and Network Systems</b>	Lecture	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F				C or better in (ITS 2140 and 2300)				
		COURSE DESC:		Principles of operation and design of typical voice and data communication systems. Includes switching, routing, transmission, and broadband networks, with an emphasis on network applications								
COM	ECT	<b>ITS</b>	<b>3110</b>	<b>Technical Foundations for Communications</b>	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				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	<b>ITS</b>	<b>3110</b>	<b>Technical Foundations for Communications</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				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	<b>ITS</b>	<b>3430</b>	<b>Switched Carrier Networks</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				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	<b>ITS</b>	<b>3790</b>	<b>Geographic Analysis of Telecommunication Systems</b>	Lecture	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F				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.								



**MASTER CURRICULUM FILE  
COURSE LISTING  
SORTED BY 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	4000	<b>Management and Policy for Emerging Communication Technologies</b> 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.	Lecture	3	0		N	U30		0
COM	ECT	ITS	4020	<b>Strategic Decision Making in Information and Telecommunication Industries</b> 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.	Lecture	3	0		N	U30		0
COM	ECT	ITS	4050	<b>Competition and Market Structure in Telecommunications Industries</b> 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.	Lecture	3	0		N	U30		0
COM	ECT	ITS	4070	<b>International Communication Networks</b> 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.	Lecture	3	0		N	U30		0
COM	ECT	ITS	4110	<b>Pricing of Telecommunications Services</b> 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.	Lecture	3	0		N	U30		0
COM	ECT	ITS	4290	<b>Communication Network Analysis and Design</b> 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.	Lecture	3	0		N	U30		0
COM	ECT	ITS	4310	<b>Privacy in the Internet Age</b> 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.	Lecture	3	0	BER	N	U30		50
COM	ECT	ITS	4320	<b>Gender and Information Technology</b> GEC1: A-F REQUISITE: COURSE DESC: Examines the impact of information technology on work and domestic life, specifically focusing on the issue of gender. Men and women have interacted with information technologies in strikingly different ways. For example, computing has developed as a male dominated field, while the telephone has been strongly associated with women. Analyzes the social forces underlying this gender difference, focusing on feminist theories and theories of masculinity. The development of information technologies (telegraphy, telephone, computer, and Internet) will also be discussed.	Lecture	3	0		N	U30		0
COM	ECT	ITS	4330	<b>IT Compliance and Planning</b> GEC1: A-F REQUISITE: ITS 2140 COURSE DESC: Compliance is an important component in the IT planning process. Examines the various federal, state, and international compliance requirements and IT's involvement in meeting these requirements. The various IT compliance frameworks are also examined. Also examines the IT planning cycle and analyzes the appropriate role of compliance in the strategic IT planning process.	Lecture	3	0		N	U30		0
COM	ECT	ITS	4370	<b>Wireless Telecommunications</b> GEC1: A-F REQUISITE: C or better in (ITS 2300 or 330) COURSE DESC: Covers wireless communications principles as well as a study of modern commercial wireless systems. Starts with a discussion on the challenges inherent to wireless communications and the proceeds with a study of RF propagation over noisy channels, S/N ratio, antennas and frequency assignment. Discusses satellite communications basics: components, operations, orbits, frequencies and Earth stations. A detailed discussion of wide area terrestrial wireless systems: analog and digital cellular, 3G and 4G broadband systems provides students with an overview of the advantages and limitations of diverse modern and legacy systems. Local and personal area networks discussions are also included, with an overview or their structure, security and the deployment planning process.	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
COM	ECT	<b>ITS</b>	<b>4410</b>	<b>Voice over IP</b>	Laboratory	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in ITS 3100 or 330						
		COURSE DESC:		Study of transmission of voice information using Internet Protocol techniques. Topics include: consumer-oriented services such as Vonage or Digital Voice, use of VoIP to replace traditional PBX's, VoIP as a tool for connectivity in the corporate enterprise, E911 and VoIP, use of VoIP protocols: H.323, SIP, Megaco, and others. Specialized voice applications such as call centers, voice enabled web sites, and distributed voice systems.								
COM	ECT	<b>ITS</b>	<b>4410</b>	<b>Voice over IP</b>	Lecture	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in ITS 3100 or 330						
		COURSE DESC:		Study of transmission of voice information using Internet Protocol techniques. Topics include: consumer-oriented services such as Vonage or Digital Voice, use of VoIP to replace traditional PBX's, VoIP as a tool for connectivity in the corporate enterprise, E911 and VoIP, use of VoIP protocols: H.323, SIP, Megaco, and others. Specialized voice applications such as call centers, voice enabled web sites, and distributed voice systems.								
COM	ECT	<b>ITS</b>	<b>4440</b>	<b>Lifecycle Management in Emerging Communication Systems</b>	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Sr and ITS 3100 or ECT 2401						
		COURSE DESC:		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	<b>ITS</b>	<b>4510</b>	<b>Telecommunication Network Security</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in ITS 3100 or 330						
		COURSE DESC:		Structured study of telecommunications network security. Theoretical aspects include risk as basis for security planning, taxonomy of exploits including malware, and network architecture. Practical aspects common attack vectors and relevant software tools: firewalls, IDS/IPS, and VPNs. Additional exercises may include adversarial games and penetration testing.								
COM	ECT	<b>ITS</b>	<b>4530</b>	<b>Encrypted Communication</b>	Laboratory	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (ITS 2300 or 330)						
		COURSE DESC:		The basic principles and technology of telecommunication using encryption as a security tool, including hash functions, symmetric key encryption. The basic concepts of data security: availability, confidentiality, authentication, non-repudiation. Digital signatures. Some topics are: SSH, VPN, IPsec, Kerberos. A key topic will be PKI - Public Key Infrastructure - systems.								
COM	ECT	<b>ITS</b>	<b>4530</b>	<b>Encrypted Communication</b>	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (ITS 2300 or 330)						
		COURSE DESC:		The basic principles and technology of telecommunication using encryption as a security tool, including hash functions, symmetric key encryption. The basic concepts of data security: availability, confidentiality, authentication, non-repudiation. Digital signatures. Some topics are: SSH, VPN, IPsec, Kerberos. A key topic will be PKI - Public Key Infrastructure - systems.								
COM	ECT	<b>ITS</b>	<b>4750</b>	<b>Internet Engineering</b>	Laboratory	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	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						
		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	<b>ITS</b>	<b>4750</b>	<b>Internet Engineering</b>	Lecture	4	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	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						
		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	<b>ITS</b>	<b>4900</b>	<b>Topical Seminar</b>	Lecture	1 to 3	12		N	U30		75
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	ITS 3100, 4020 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	<b>ITS</b>	<b>4900L</b>	<b>Special Topics Lab</b>	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	<b>ITS</b>	<b>4910</b>	<b>Internship in Communication</b>	Internship	1 to 12	12	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required CR, PR						
		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	<b>ITS</b>	<b>4920</b>	<b>Practicum in Communication Systems</b>	Practicum	1 to 3	12	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	Permission required PR, F						
		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.								

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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	<b>ITS</b>	<b>4930</b>	<b>Special Studies</b>	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	<b>ITS</b>	<b>5019</b>	<b>Information and Telecommunications Policy I</b>	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	<b>ITS</b>	<b>5020</b>	<b>Strategic Decision Making in Information and Telecommunication Industries</b>	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	<b>ITS</b>	<b>5050</b>	<b>Competition and Market Structure in Telecommunications Industries</b>	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	<b>ITS</b>	<b>5070</b>	<b>International Communication Networks</b>	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	<b>ITS</b>	<b>5110</b>	<b>Pricing of Telecommunications Services</b>	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	<b>ITS</b>	<b>5290</b>	<b>Communication Network Analysis and Design</b>	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	<b>ITS</b>	<b>5310</b>	<b>Privacy in the Internet Age</b>	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.								
COM	ECT	<b>ITS</b>	<b>5320</b>	<b>Gender and Information Technology</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Examines the impact of information technology on work and domestic life, specifically focusing on the issue of gender. Men and women have interacted with information technologies in strikingly different ways. For example, computing has developed as a male dominated field, while the telephone has been strongly associated with women. Analyzes the social forces underlying this gender difference, focusing on feminist theories and theories of masculinity. The development of information technologies (telegraphy, telephone, computer, and Internet) will also be discussed.								
COM	ECT	<b>ITS</b>	<b>5330</b>	<b>IT Compliance and Planning</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Compliance is an important component in the IT planning process. Examines the various federal, state, and international compliance requirements and IT's involvement in meeting these requirements. The various IT compliance frameworks are also examined. Also examines the IT planning cycle and analyzes the appropriate role of compliance in the strategic IT planning process.								

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COURSE LISTING  
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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	<b>ITS</b>	<b>5370</b>	<b>Wireless Telecommunications</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITS 6250								
		COURSE DESC:		Covers wireless communications principles as well as a study of modern commercial wireless systems. Starts with a discussion on the challenges inherent to wireless communications and the proceeds with a study of RF propagation over noisy channels, S/N ratio, antennas and frequency assignment. Discusses satellite communications basics: components, operations, orbits, frequencies and Earth stations. A detailed discussion of wide area terrestrial wireless systems: analog and digital cellular, 3G and 4G broadband systems provides students with an overview of the advantages and limitations of diverse modern and legacy systems. Local and personal area networks discussions are also included, with an overview or their structure, security and the deployment planning process.								
COM	ECT	<b>ITS</b>	<b>5390</b>	<b>Communication Technology Lab Practicum</b>	Laboratory	4	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		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	<b>ITS</b>	<b>5390</b>	<b>Communication Technology Lab Practicum</b>	Lecture	4	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		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	<b>ITS</b>	<b>5410</b>	<b>Voice over IP</b>	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITS 6250								
		COURSE DESC:		Study of transmission of voice information using Internet Protocol techniques. Topics include: consumer-oriented services such as Vonage or Digital Voice, use of VoIP to replace traditional PBX's, VoIP as a tool for connectivity in the corporate enterprise, E911 and VoIP, use of VoIP protocols: H.323, SIP, Megaco, and others. Specialized voice applications such as call centers, voice enabled web sites, and distributed voice systems.								
COM	ECT	<b>ITS</b>	<b>5410</b>	<b>Voice over IP</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITS 6250								
		COURSE DESC:		Study of transmission of voice information using Internet Protocol techniques. Topics include: consumer-oriented services such as Vonage or Digital Voice, use of VoIP to replace traditional PBX's, VoIP as a tool for connectivity in the corporate enterprise, E911 and VoIP, use of VoIP protocols: H.323, SIP, Megaco, and others. Specialized voice applications such as call centers, voice enabled web sites, and distributed voice systems.								
COM	ECT	<b>ITS</b>	<b>5510</b>	<b>Telecommunication Network Security</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITS 6250								
		COURSE DESC:		Structured study of telecommunications network security. Theoretical aspects include risk as basis for security planning, taxonomy of exploits including malware, and network architecture. Practical aspects common attack vectors and relevant software tools: firewalls, IDS/IPS, and VPNs. Additional exercises may include adversarial games and penetration testing.								
COM	ECT	<b>ITS</b>	<b>5530</b>	<b>Encrypted Communication</b>	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITS 6250								
		COURSE DESC:		The basic principles and technology of telecommunication using encryption as a security tool, including hash functions, symmetric key encryption. The basic concepts of data security: availability, confidentiality, authentication, non-repudiation. Digital signatures. Some topics are: SSH, VPN, IPsec, Kerberos. A key topic will be PKI - Public Key Infrastructure - systems.								
COM	ECT	<b>ITS</b>	<b>5530</b>	<b>Encrypted Communication</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ITS 6250								
		COURSE DESC:		The basic principles and technology of telecommunication using encryption as a security tool, including hash functions, symmetric key encryption. The basic concepts of data security: availability, confidentiality, authentication, non-repudiation. Digital signatures. Some topics are: SSH, VPN, IPsec, Kerberos. A key topic will be PKI - Public Key Infrastructure - systems.								
COM	ECT	<b>ITS</b>	<b>5750</b>	<b>Internet Engineering</b>	Laboratory	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	<b>ITS</b>	<b>5750</b>	<b>Internet Engineering</b>	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	<b>ITS</b>	<b>5900</b>	<b>Topical Seminar</b>	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	<b>ITS</b>	<b>6000</b>	<b>Research Methods in Information and Telecommunication Systems</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>ITS</b>	<b>6030</b>	<b>Advanced Policy and Regulation for ICT Networks</b> GEC1: A-F REQUISITE: ITS 5019 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.	Lecture	4	0		N	G40		0
COM	ECT	<b>ITS</b>	<b>6090</b>	<b>Telecommunications and Economic Development</b> GEC1: A-F REQUISITE: Permission required 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.	Lecture	4	0		I	G40		0
COM	ECT	<b>ITS</b>	<b>6250</b>	<b>Information Networks</b> GEC1: A-F REQUISITE: 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.	Lecture	4	0		N	G40		0
COM	ECT	<b>ITS</b>	<b>6440</b>	<b>Strategic Issues in Information and Telecommunication Systems Technology and Policy</b> GEC1: A-F REQUISITE: ITS 6000 and 6250 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.	Lecture	4	0		N	G40		0
COM	ECT	<b>ITS</b>	<b>6790</b>	<b>Theory of Communication Networks</b> GEC1: A-F REQUISITE: ITS 6250 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.	Lecture	4	0		N	G40		0
COM	ECT	<b>ITS</b>	<b>6900</b>	<b>Topical Seminar</b> GEC4: A-F, REQUISITE: ITS 6000 and 6250 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.	Lecture	1 to 4	12		N	G40		0
COM	ECT	<b>ITS</b>	<b>6910</b>	<b>Internship in the Management of Information and Telecommunications Systems</b> GEC1: A-F REQUISITE: Permission required 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.	Internship	2 to 4	8		I	G40		0
COM	ECT	<b>ITS</b>	<b>6930</b>	<b>Independent Study</b> GEC4: A-F, REQUISITE: Permission required CR, PR Independent study, supervised by faculty.	Ind Study	1 to 4	16		I	G40		0
COM	ECT	<b>ITS</b>	<b>6935</b>	<b>Advanced Readings in Communication Technology and Policy</b> GEC5: CR, REQUISITE: Permission required PR, F 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.	Ind Study	1 to 9	54		I	G40		0
COM	ECT	<b>ITS</b>	<b>6940</b>	<b>Research in Communication Technology and Policy</b> GEC5: CR, REQUISITE: Permission required PR, F Independent research on Communication Technology or Communication Policy issues.	Research	1 to 6	36		I	G40		0

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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	<b>ITS</b>	<b>6945</b>	<b>Professional Project</b>	Research	1 to 9	54		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		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	<b>ITS</b>	<b>6950</b>	<b>Thesis</b>	Thesis	1 to 9	54		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		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	<b>T3</b>	<b>4380</b>	<b>Women in the Information Age</b>	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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COM	JOUR	<b>JOUR</b>	<b>1010</b>	<b>The Future of Media</b>	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	<b>JOUR</b>	<b>1010</b>	<b>The Future of Media</b>	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	<b>JOUR</b>	<b>1050</b>	<b>Introduction to Mass Communication</b>	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	<b>JOUR</b>	<b>1330</b>	<b>Precision Language for Journalists</b>	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	<b>JOUR</b>	<b>1890</b>	<b>Journalism Workshop</b>	Lecture	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:								
		COURSE DESC:		CR Workshop on selected topics of journalism and mass communication.								
COM	JOUR	<b>JOUR</b>	<b>1890</b>	<b>Journalism Workshop</b>	Practicum	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:								
		COURSE DESC:		CR Workshop on selected topics of journalism and mass communication.								
COM	JOUR	<b>JOUR</b>	<b>2050</b>	<b>News and Information Literacy</b>	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	<b>JOUR</b>	<b>2150</b>	<b>Mass Media Writing Principles</b>	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	<b>JOUR</b>	<b>2210</b>	<b>Graphics of Communication</b>	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	<b>JOUR</b>	<b>2230</b>	<b>Podcasting Survey</b>	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	<b>JOUR</b>	<b>2310</b>	<b>Introduction to Multiplatform Reporting and Writing</b>	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	<b>JOUR</b>	<b>2310</b>	<b>Introduction to Multiplatform Reporting and Writing</b>	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	<b>JOUR</b>	<b>2311</b>	<b>Introduction to Multiplatform Reporting and Writing</b>	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	<b>JOUR</b>	<b>2311</b>	<b>Introduction to Multiplatform Reporting and Writing</b>	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.								

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COM	JOUR	<b>JOUR</b>	<b>2500</b>	<b>Introduction to Advertising and Public Relations</b>	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	<b>JOUR</b>	<b>2900</b>	<b>Special Topics in Journalism</b>	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	<b>JOUR</b>	<b>2970T</b>	<b>Journalism Tutorial (Core Tutorial)</b>	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	<b>JOUR</b>	<b>2971T</b>	<b>Journalism Tutorial (Core Tutorial)</b>	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	<b>JOUR</b>	<b>2980T</b>	<b>Journalism Tutorial (Core Tutorial)</b>	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	<b>JOUR</b>	<b>2981T</b>	<b>Journalism Tutorial</b>	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	<b>JOUR</b>	<b>3100</b>	<b>Communication Law</b>	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	<b>JOUR</b>	<b>3110</b>	<b>History of American Journalism</b>	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	<b>JOUR</b>	<b>3140</b>	<b>Fundamentals of Online Journalism</b>	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	<b>JOUR</b>	<b>3200</b>	<b>Ethics, Mass Media, and Society</b>	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	<b>JOUR</b>	<b>3310</b>	<b>Reporting Public Issues</b>	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	<b>JOUR</b>	<b>3330</b>	<b>Editing</b>	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	<b>JOUR</b>	<b>3380</b>	<b>Graphics and Audiences</b>	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	<b>JOUR</b>	<b>3400</b>	<b>Advertising and Public Relations Research and Theory</b>	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.								



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COM	JOUR	<b>JOUR</b>	<b>3500</b>	<b>Radio and Television Reporting and Writing</b>	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	<b>JOUR</b>	<b>3620</b>	<b>Community Journalism</b>	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	<b>JOUR</b>	<b>3630</b>	<b>Reviewing and Criticism</b>	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	<b>JOUR</b>	<b>3700</b>	<b>Advertising and Public Relations Writing</b>	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	<b>JOUR</b>	<b>3750</b>	<b>Advertising Media Planning and Buying</b>	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	<b>JOUR</b>	<b>3920</b>	<b>Reporting Practice</b>	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	<b>JOUR</b>	<b>3921</b>	<b>Editing Practice</b>	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	<b>JOUR</b>	<b>3922</b>	<b>Broadcast News Practice</b>	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	<b>JOUR</b>	<b>3970T</b>	<b>Journalism Tutorial (Advanced Tutorial)</b>	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	<b>JOUR</b>	<b>3980T</b>	<b>Journalism Tutorial (Research)</b>	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	<b>JOUR</b>	<b>4130</b>	<b>Gender, Race, and Class in Journalism and Mass Media</b>	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	<b>JOUR</b>	<b>4150</b>	<b>Environmental and Science Journalism</b>	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	<b>JOUR</b>	<b>4180</b>	<b>Digital Information and Innovation</b>	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	<b>JOUR</b>	<b>4190</b>	<b>Legal Issues of Online Journalism</b>	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  
SORTED BY 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	<b>JOUR</b>	<b>4200</b>	<b>Podcasting and Audio Journalism</b>	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	<b>JOUR</b>	<b>4230</b>	<b>International and Cross-Cultural Advertising</b>	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	<b>JOUR</b>	<b>4300</b>	<b>Magazine Editing and Production</b>	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	<b>JOUR</b>	<b>4320</b>	<b>Specialized Business Media</b>	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	<b>JOUR</b>	<b>4350</b>	<b>Advanced Editing</b>	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	<b>JOUR</b>	<b>4390</b>	<b>Business Reporting</b>	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	<b>JOUR</b>	<b>4410J</b>	<b>Magazine Feature Writing</b>	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	<b>JOUR</b>	<b>4420</b>	<b>Advanced Magazine Feature Writing</b>	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	<b>JOUR</b>	<b>4450</b>	<b>Creative Concepts</b>	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	<b>JOUR</b>	<b>4490</b>	<b>Economics Reporting</b>	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	<b>JOUR</b>	<b>4510</b>	<b>Corporate Social Responsibility</b>	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	<b>JOUR</b>	<b>4520</b>	<b>Radio and Television Producing</b>	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	<b>JOUR</b>	<b>4530</b>	<b>Strategic Social Media</b>	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	<b>JOUR</b>	<b>4630</b>	<b>Media and Conflicts</b>	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.								

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COM	JOUR	<b>JOUR</b>	<b>4650</b>	<b>Opinion Writing</b>	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	<b>JOUR</b>	<b>4660</b>	<b>International Mass Media</b>	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	<b>JOUR</b>	<b>4670</b>	<b>Foreign Correspondence</b>	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	<b>JOUR</b>	<b>4700</b>	<b>Sportswriting</b>	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	<b>JOUR</b>	<b>4710</b>	<b>Public Relations Planning</b>	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	<b>JOUR</b>	<b>4790</b>	<b>Data Journalism</b>	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	<b>JOUR</b>	<b>4810</b>	<b>News Media Management</b>	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	<b>JOUR</b>	<b>4820</b>	<b>Strategic Communication Management for Advertising and PR Professionals</b>	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	<b>JOUR</b>	<b>4840</b>	<b>Supervising School Publications</b>	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	<b>JOUR</b>	<b>4850</b>	<b>Journalism in the Secondary School Curriculum</b>	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	<b>JOUR</b>	<b>4860</b>	<b>Advertising and Public Relations Capstone</b>	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	<b>JOUR</b>	<b>4870</b>	<b>News and Information Capstone</b>	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	<b>JOUR</b>	<b>4900</b>	<b>Special Issues and Topics in Journalism</b>	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	<b>JOUR</b>	<b>4901</b>	<b>Topical Journalism</b>	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	<b>JOUR</b>	<b>4902</b>	<b>Semester in DC: Seminar I</b>	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.								

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COM	JOUR	<b>JOUR</b>	<b>4903</b>	<b>Scripps in DC Semester: Seminar II</b>	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	<b>JOUR</b>	<b>4904</b>	<b>Scripps in DC Semester: Seminar III</b>	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	<b>JOUR</b>	<b>4910</b>	<b>Internship</b>	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	<b>JOUR</b>	<b>4920</b>	<b>Advanced Multimedia Reporting Practicum</b>	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	<b>JOUR</b>	<b>4921</b>	<b>Advanced Multimedia News Editing Practicum</b>	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	<b>JOUR</b>	<b>4922</b>	<b>Seminar in Broadcast News</b>	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	<b>JOUR</b>	<b>4923</b>	<b>Seminar in Online Journalism</b>	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	<b>JOUR</b>	<b>4926</b>	<b>Scripps in DC Semester: Practicum</b>	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	<b>JOUR</b>	<b>4930</b>	<b>Independent Study</b>	Ind Study	1 to 3	12		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Written proposal						
		COURSE DESC:		CR Content varies.								
COM	JOUR	<b>JOUR</b>	<b>4940</b>	<b>Research in Journalism and Communications</b>	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	<b>JOUR</b>	<b>4970T</b>	<b>Journalism Tutorial (Thesis Tutorial)</b>	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	<b>JOUR</b>	<b>4980T</b>	<b>Journalism Tutorial (Thesis Tutorial)</b>	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	<b>JOUR</b>	<b>5010</b>	<b>Introduction to Graduate Study</b>	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	<b>JOUR</b>	<b>5020</b>	<b>Thesis Proposal</b>	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.								

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COM	JOUR	<b>JOUR</b>	<b>5100</b>	<b>Communication Law</b>	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	<b>JOUR</b>	<b>5130</b>	<b>Gender, Race, and Class in Journalism and Mass Media</b>	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	<b>JOUR</b>	<b>5140</b>	<b>Fundamentals of Online Journalism</b>	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	<b>JOUR</b>	<b>5150</b>	<b>Environmental and Science Journalism</b>	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	<b>JOUR</b>	<b>5180</b>	<b>Digital Information and Innovation</b>	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	<b>JOUR</b>	<b>5190</b>	<b>Legal Issues of Online Journalism</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Legal issues as they apply to online journalism.								
COM	JOUR	<b>JOUR</b>	<b>5230</b>	<b>International and Cross-Cultural Advertising</b>	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	<b>JOUR</b>	<b>5300</b>	<b>Magazine Editing and Production</b>	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	<b>JOUR</b>	<b>5310</b>	<b>Reporting Public Issues</b>	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	<b>JOUR</b>	<b>5320</b>	<b>Specialized Business Media</b>	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	<b>JOUR</b>	<b>5350</b>	<b>Advanced Editing</b>	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	<b>JOUR</b>	<b>5380</b>	<b>Graphics and Audiences</b>	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	<b>JOUR</b>	<b>5390</b>	<b>Business Reporting</b>	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.								

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COM	JOUR	<b>JOUR</b>	<b>5400</b>	<b>Advertising and Public Relations Theory and Research</b>	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	<b>JOUR</b>	<b>5410</b>	<b>Magazine Feature Writing</b>	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	<b>JOUR</b>	<b>5420</b>	<b>Advanced Magazine Feature Writing</b>	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	<b>JOUR</b>	<b>5490</b>	<b>Economics Reporting</b>	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	<b>JOUR</b>	<b>5500</b>	<b>Radio and Television Reporting and Writing</b>	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	<b>JOUR</b>	<b>5510</b>	<b>Corporate Social Responsibility</b>	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	<b>JOUR</b>	<b>5520</b>	<b>Radio and Television Producing</b>	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	<b>JOUR</b>	<b>5530</b>	<b>Strategic Social Media</b>	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	<b>JOUR</b>	<b>5630</b>	<b>Media and Conflicts</b>	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	<b>JOUR</b>	<b>5650</b>	<b>Opinion Writing</b>	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	<b>JOUR</b>	<b>5660</b>	<b>International Mass Media</b>	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	<b>JOUR</b>	<b>5670</b>	<b>Foreign Correspondence</b>	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	<b>JOUR</b>	<b>5700</b>	<b>Sportswriting</b>	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	<b>JOUR</b>	<b>5710</b>	<b>Public Relations Planning</b>	Lecture	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		Using contemporary case studies, all aspects of public relations are studied and analyzed in group discussions and written projects.								
COM	JOUR	<b>JOUR</b>	<b>5790</b>	<b>Data Journalism</b>	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	<b>JOUR</b>	<b>5810</b>	<b>News Media Management</b>	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	<b>JOUR</b>	<b>5812</b>	<b>Promoting Digital Media Transformation &amp; Innovation</b>	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	<b>JOUR</b>	<b>5820</b>	<b>Strategic Communication Management for Advertising and PR Professionals</b>	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	<b>JOUR</b>	<b>5840</b>	<b>Supervising School Publications</b>	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	<b>JOUR</b>	<b>5850</b>	<b>Journalism in the Secondary School Curriculum</b>	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	<b>JOUR</b>	<b>5860</b>	<b>Advertising and Public Relations Capstone</b>	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	<b>JOUR</b>	<b>5870</b>	<b>News and Information Capstone</b>	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	<b>JOUR</b>	<b>5900</b>	<b>Special Issues and Topics in Journalism</b>	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	<b>JOUR</b>	<b>5901</b>	<b>Topical Journalism</b>	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	<b>JOUR</b>	<b>5920</b>	<b>Advanced Multimedia Reporting Practicum</b>	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.								

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COM	JOUR	<b>JOUR</b>	<b>5921</b>	<b>Advanced Multimedia News Editing Practicum</b>	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	<b>JOUR</b>	<b>5922</b>	<b>Seminar in Broadcast News</b>	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	<b>JOUR</b>	<b>5923</b>	<b>Seminar in Online Journalism</b>	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	<b>JOUR</b>	<b>6010</b>	<b>Graphics and Editing</b>	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	<b>JOUR</b>	<b>6010</b>	<b>Graphics and Editing</b>	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	<b>JOUR</b>	<b>6011</b>	<b>Writing and Reporting</b>	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	<b>JOUR</b>	<b>6011</b>	<b>Writing and Reporting</b>	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	<b>JOUR</b>	<b>6650</b>	<b>Professional Project</b>	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	<b>JOUR</b>	<b>6750</b>	<b>Readings</b>	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	<b>JOUR</b>	<b>6890</b>	<b>Journalism Workshop</b>	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	<b>JOUR</b>	<b>6890</b>	<b>Journalism Workshop</b>	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	<b>JOUR</b>	<b>6900</b>	<b>Special Topics in Journalism</b>	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	<b>JOUR</b>	<b>6910</b>	<b>Graduate Internship</b>	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.								



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COM	JOUR	<b>JOUR</b>	<b>6940</b>	<b>Research in Journalism and Communications</b>	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	<b>JOUR</b>	<b>6950</b>	<b>Thesis</b>	Thesis	1 to 9	10		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Thesis research.								
COM	JOUR	<b>JOUR</b>	<b>7200</b>	<b>Ethics, Mass Media, and Society</b>	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Teaches social responsibility to journalists and other media communicators. Discusses professional ethical codes, responsibility of media for social change, and reaction to political and economic pressures.								
COM	JOUR	<b>JOUR</b>	<b>7900</b>	<b>Seminar in Special Topics</b>	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	<b>JOUR</b>	<b>7930</b>	<b>Independent Study</b>	Ind Study	1 to 3	12		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Content varies.								
COM	JOUR	<b>JOUR</b>	<b>7950</b>	<b>Journalism Teaching Seminar</b>	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	<b>JOUR</b>	<b>8030</b>	<b>Seminar in Mass Communication Theory</b>	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	<b>JOUR</b>	<b>8060</b>	<b>Research Methods</b>	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	<b>JOUR</b>	<b>8080</b>	<b>Legal Research</b>	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	<b>JOUR</b>	<b>8110</b>	<b>Historical Research in Journalism</b>	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	<b>JOUR</b>	<b>8130</b>	<b>Ethics, Internet, and Society</b>	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	<b>JOUR</b>	<b>8140</b>	<b>Literature of Journalism</b>	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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COM	JOUR	<b>JOUR</b>	<b>8150</b>	<b>Seminar in Theory of Freedom of the Press</b>	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	<b>JOUR</b>	<b>8160</b>	<b>Seminar in Mass Media Research</b>	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	<b>JOUR</b>	<b>8210</b>	<b>Seminar in Content Analysis</b>	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	<b>JOUR</b>	<b>8300</b>	<b>Seminar in Magazine Research and Development</b>	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	<b>JOUR</b>	<b>8500</b>	<b>Seminar in Advertising Copywriting</b>	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	<b>JOUR</b>	<b>8660</b>	<b>Seminar in International Mass Media</b>	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	<b>JOUR</b>	<b>8710</b>	<b>Public Relations Problems and Programs</b>	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	<b>JOUR</b>	<b>8900</b>	<b>Advanced Research Topics Seminar</b>	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	<b>JOUR</b>	<b>8950</b>	<b>Dissertation</b>	Thesis	1 to 12	15		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Research work on dissertation.								
COM	JOUR	<b>T3</b>	<b>4360</b>	<b>Mass Political Communication</b>	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	<b>T3</b>	<b>4361</b>	<b>Gender Roles and Global Media</b>	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	<b>T3</b>	<b>4362</b>	<b>Examining Internet Myths</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>EM</b>	<b>1010</b>	<b>Introduction to Electronic Media</b>	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	<b>EM</b>	<b>1020</b>	<b>Writing For Media</b>	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	<b>EM</b>	<b>1220</b>	<b>Media Performance</b>	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	<b>EM</b>	<b>1890</b>	<b>Electronic Media Workshop-Non-Majors</b>	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	<b>EM</b>	<b>2010</b>	<b>Electronic Media Analysis/Criticism</b>	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	<b>EM</b>	<b>2011</b>	<b>Electronic Media as Business</b>	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	<b>EM</b>	<b>2080</b>	<b>Topics in Electronic Media Technologies</b>	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	<b>EM</b>	<b>2090</b>	<b>Special Topics in Electronic Media - Video</b>	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	<b>EM</b>	<b>2100</b>	<b>Special Topics in Audio Production</b>	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	<b>EM</b>	<b>2110</b>	<b>Introduction to Audio Production</b>	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	<b>EM</b>	<b>2120</b>	<b>Introduction to Multimedia Production Design</b>	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	<b>EM</b>	<b>2140</b>	<b>Advanced Audio Production</b>	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	<b>EM</b>	<b>2150</b>	<b>Introduction to Website Design</b>	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	<b>EM</b>	<b>2160</b>	<b>Introduction to Video Production</b>	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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COM	MDIA	<b>EM</b>	<b>2170</b>	<b>Advanced Video Production</b>	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	<b>EM</b>	<b>2180</b>	<b>Introduction to Digital Media Design</b>	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	<b>EM</b>	<b>2220</b>	<b>Aesthetics in Digital Media</b>	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	<b>EM</b>	<b>2500</b>	<b>News Distribution Platforms</b>	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	<b>EM</b>	<b>2570</b>	<b>Advertising in the Broadcast and Cable Media</b>	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	<b>EM</b>	<b>2670</b>	<b>International Media Systems</b>	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	<b>EM</b>	<b>2700</b>	<b>Introduction to Sports Production</b>	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	<b>EM</b>	<b>2700</b>	<b>Introduction to Sports Production</b>	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	<b>EM</b>	<b>2880</b>	<b>Electronic Media Workshop-Multimedia</b>	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	<b>EM</b>	<b>2890</b>	<b>Media Workshop</b>	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	<b>EM</b>	<b>2900</b>	<b>Special Topics in Electronic Media</b>	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	<b>EM</b>	<b>2910</b>	<b>Radio-Television Internship</b>	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	<b>EM</b>	<b>2921</b>	<b>Video Practicum 1</b>	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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COM	MDIA	<b>EM</b>	<b>2922</b>	<b>Video Practicum 2</b>	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 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	<b>EM</b>	<b>2923</b>	<b>Audio Practicum 1</b>	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 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	<b>EM</b>	<b>2924</b>	<b>Audio Practicum 2</b>	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 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	<b>EM</b>	<b>2925</b>	<b>Media Design Practicum 1</b>	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 experiences producing multimedia with instructor supervision. Students are expected to complete assignments weekly.								
COM	MDIA	<b>EM</b>	<b>2926</b>	<b>Media Design Practicum 2</b>	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 experiences producing multimedia with instructor supervision. Students are expected to complete assignments weekly.								
COM	MDIA	<b>EM</b>	<b>2930</b>	<b>Independent Study</b>	Ind Study	1 to 3	999		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Electronic media major Research projects requiring self-directed study and completion of a paper or production relating to electronic media.								
COM	MDIA	<b>MDIA</b>	<b>1010</b>	<b>The Evolution of Media</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: WARNING: no credit if JOUR 1010 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	<b>MDIA</b>	<b>1020</b>	<b>Media and the Creative Process</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Applied Communication major or (C or better in MDIA 1010) or FILM 2010 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	<b>MDIA</b>	<b>1091</b>	<b>Introduction to Mass Media</b>	Lecture	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: WARNING: no credit if JOUR 1010 or JOUR 1050 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	<b>MDIA</b>	<b>1100</b>	<b>Introduction to Digitality</b>	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE: PR, F Deep exploration of the digital environment, including hardware and software tools used to manipulate digital media in the computerized production process.								
COM	MDIA	<b>MDIA</b>	<b>1250</b>	<b>Audio Production Basics</b>	Lecture	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in MDIA 1010 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	<b>MDIA</b>	<b>1300</b>	<b>Digital Media Production Basics</b>	Lecture	1.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in MDIA 1010 and MDIA Major. Introduce students to basic digital media theory and production.								
COM	MDIA	<b>MDIA</b>	<b>1350</b>	<b>Animation Foundation</b>	Lecture	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in MDIA 1010 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	<b>MDIA</b>	<b>1450</b>	<b>Video Production Basics</b>	Seminar	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in MDIA 1010 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	<b>MDIA</b>	<b>1500</b>	<b>Non-fiction Screenwriting Basics</b>	Lecture	1.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in MDIA 1010 and MDIA Major. 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.								

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COM	MDIA	<b>MDIA</b>	<b>2010</b>	<b>Media Analysis and Criticism</b>	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	<b>MDIA</b>	<b>2011</b>	<b>The Business of Media</b>	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	<b>MDIA</b>	<b>2012</b>	<b>Media, Communication and Social Change</b>	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	<b>MDIA</b>	<b>2100</b>	<b>Entertainment Media Law and Finance</b>	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	<b>MDIA</b>	<b>2110</b>	<b>Media Theory and Research</b>	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	<b>MDIA</b>	<b>2113</b>	<b>Social Media Introduction</b>	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	<b>MDIA</b>	<b>2130</b>	<b>Television Genres</b>	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	<b>MDIA</b>	<b>2131</b>	<b>TV and Film Comedy</b>	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	<b>MDIA</b>	<b>2132</b>	<b>Contemporary American Documentary</b>	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	<b>MDIA</b>	<b>2135</b>	<b>Documentary Genres</b>	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	<b>MDIA</b>	<b>2140</b>	<b>Information &amp; Communication Technologies and Social Change</b>	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.								

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COM	MDIA	<b>MDIA</b>	<b>2150</b>	<b>Media Globalization</b>	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	<b>MDIA</b>	<b>2160</b>	<b>History of Broadcast Media</b>	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	<b>MDIA</b>	<b>2161</b>	<b>History of Prime Time Television I</b>	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	<b>MDIA</b>	<b>2162</b>	<b>History of Prime Time Television II</b>	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	<b>MDIA</b>	<b>2170</b>	<b>Media and Identity</b>	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	<b>MDIA</b>	<b>2171</b>	<b>African-American Televisual Images</b>	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	<b>MDIA</b>	<b>2200</b>	<b>Script Analysis and Production Planning</b>	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	<b>MDIA</b>	<b>2200</b>	<b>Script Analysis and Production Planning</b>	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	<b>MDIA</b>	<b>2201</b>	<b>Short Form Media Scriptwriting</b>	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	<b>MDIA</b>	<b>2202</b>	<b>Non-Traditional Storytelling</b>	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	<b>MDIA</b>	<b>2300</b>	<b>Music Production and Technology I</b>	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	<b>MDIA</b>	<b>2303</b>	<b>Live &amp; Remote Music Recording</b>	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  
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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	<b>MDIA</b>	<b>2303</b>	<b>Live &amp; Remote Music Recording</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	U30		0
				GEC1: A-F REQUISITE: MDIA 2300 This course provides students a basic understanding of recording music on location in venues other than a traditional recording studio. Students receive instruction through lectures and practical hands-on guided labs that provide experiential learning opportunities in live and remote music recording of both School of Music and community events. Please note that MDIA 2303 also includes a required lab.								
COM	MDIA	<b>MDIA</b>	<b>2305</b>	<b>Recording Industry Survey</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0	2SS	N	U30		0
				GEC1: A-F REQUISITE: Provides a real world overview of the recording industry as it has come to exist in the 21st century, including the historical, social, technological, and creative factors that have contributed to its current state.								
COM	MDIA	<b>MDIA</b>	<b>2400</b>	<b>Introduction to Digital Media Production</b> ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0		N	U30		0
				GEC1: A-F REQUISITE: MDIA 1020 Introduction to the processes and tools involved in the production of digital media projects involving sound and moving images.								
COM	MDIA	<b>MDIA</b>	<b>2500</b>	<b>Animation I</b> ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0		N	U30		0
				GEC1: A-F REQUISITE: MDIA 1300 Introduction to the fundamentals of animation techniques, with emphasis on the creative process and character design. The main focus of this course is the understanding of tools and techniques for creating characters to be used in animation. Additional topics such as texturing and lighting will also be introduced.								
COM	MDIA	<b>MDIA</b>	<b>2700</b>	<b>Video and Audio Field Production</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	U30		0
				GEC1: A-F REQUISITE: MDIA 1400 and (MDIA 1200 or 1300 or 2900) or (EM 2110 and EM 2111) Fundamentals of video and audio production in the field. Covers concepts of camera composition, sound recording, lighting for video. This course assumes that all students have a fundamental understanding of editing and the ability to edit.								
COM	MDIA	<b>MDIA</b>	<b>2701</b>	<b>Visual Storytelling</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0	2FA; PHA	N	U30		0
				GEC1: A-F REQUISITE: 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.								
COM	MDIA	<b>MDIA</b>	<b>2702C</b>	<b>Media Production for the Community</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0	BLD	N	U30		75
				GEC1: A-F REQUISITE: This course introduces students to service learning through producing and directing single camera video productions for non-profit organizations. Students learn aspects of production including camera operation, directing, lighting, audio, graphics, editing and other postproduction elements. Students also develop the skills necessary to work collaboratively on projects that benefit non-profit organizations or the community at large. Equal emphasis is placed on the quality of the product and the quality of the process.								
COM	MDIA	<b>MDIA</b>	<b>2800</b>	<b>Digital Video Postproduction</b> ELIGIBLE GRADES: COURSE DESC:	Seminar	3	0		N	U30		0
				GEC1: A-F REQUISITE: MDIA 1400 and (MDIA 1200 or 1300 or 2900) or (EM 2110 and EM 2111) Deep exploration of the processes and tools of digital nonlinear editing of video material. Prepares you for Apple Certification. Preference for those interested in post/ effects as a specialty.								
COM	MDIA	<b>MDIA</b>	<b>2900</b>	<b>Special Topics in Media Arts and Studies</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	1 to 15	999		N	U30		0
				GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.								
COM	MDIA	<b>MDIA</b>	<b>2930</b>	<b>Independent Study</b> ELIGIBLE GRADES: COURSE DESC:	Ind Study	1 to 6	12		N	U20		0
				GEC4: A-F, REQUISITE: CR, PR Independent study								
COM	MDIA	<b>MDIA</b>	<b>2970T</b>	<b>Media Tutorial</b> ELIGIBLE GRADES: COURSE DESC:	Tutorial	1 to 15	999		N	U30		0
				GEC4: A-F, REQUISITE: HTC CR, PR Individualized tutorial for HTC students only.								
COM	MDIA	<b>MDIA</b>	<b>2971T</b>	<b>Media Tutorial</b> ELIGIBLE GRADES: COURSE DESC:	Tutorial	1 to 15	999		N	U10		0
				GEC4: A-F, REQUISITE: HTC CR, PR Individualized tutorial for HTC students only.								
COM	MDIA	<b>MDIA</b>	<b>2980T</b>	<b>Media Tutorial</b> ELIGIBLE GRADES: COURSE DESC:	Tutorial	1 to 15	999		N	U10		0
				GEC4: A-F, REQUISITE: HTC CR, PR Individualized tutorial for HTC students only.								



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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	<b>MDIA</b>	<b>2981T</b>	<b>Media Tutorial</b>	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	<b>MDIA</b>	<b>3080</b>	<b>Technical Bases of Media</b>	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	<b>MDIA</b>	<b>3100</b>	<b>Media Management</b>	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	<b>MDIA</b>	<b>3102</b>	<b>Media Content Management</b>	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	<b>MDIA</b>	<b>3105</b>	<b>Audience Research</b>	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	<b>MDIA</b>	<b>3110</b>	<b>Advanced Media Criticism</b>	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	<b>MDIA</b>	<b>3111</b>	<b>Media Phenomenology</b>	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	<b>MDIA</b>	<b>3122</b>	<b>Content Curation</b>	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	<b>MDIA</b>	<b>3150</b>	<b>Global Media Systems</b>	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	<b>MDIA</b>	<b>3160</b>	<b>History of Computer Graphics</b>	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	<b>MDIA</b>	<b>3171</b>	<b>Children, Youth, and Media</b>	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	<b>MDIA</b>	<b>3172</b>	<b>Public Media: Past, Present, and Future</b>	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	<b>MDIA</b>	<b>3175</b>	<b>Gossip, Espionage, Hackers, and Outlaw Memes</b>	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.								

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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	<b>MDIA</b>	<b>3201</b>	<b>Screenwriting: the Adaptation</b>	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	<b>MDIA</b>	<b>3202</b>	<b>Screenwriting for Television</b>	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	<b>MDIA</b>	<b>3300</b>	<b>Music Production &amp; Technology II</b>	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	<b>MDIA</b>	<b>3303</b>	<b>Sound for Moving Image</b>	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	<b>MDIA</b>	<b>3305</b>	<b>Music Production: Mixing and Delivery</b>	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	<b>MDIA</b>	<b>3306</b>	<b>Business of Selling Music: Record Labels, Distribution, and Marketing</b>	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	<b>MDIA</b>	<b>3306A</b>	<b>Honors Experience: The Business of Selling Music</b>	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	<b>MDIA</b>	<b>3307</b>	<b>Music Publishing and Licensing for Media Productions</b>	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	<b>MDIA</b>	<b>3308</b>	<b>Commerce and Economies of the Music Recording Industry</b>	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	<b>MDIA</b>	<b>3380</b>	<b>Technical Bases of Electronic Media Laboratory</b>	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	<b>MDIA</b>	<b>3380</b>	<b>Technical Bases of Electronic Media Laboratory</b>	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.								

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COM	MDIA	<b>MDIA</b>	<b>3500</b>	<b>Animation II</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in MDIA 2500						
		COURSE DESC:		This course is an introduction to the basic principles of 3D computer modeling and animation, and a continuation of animation fundamentals introduced in Animation I. Students are introduced to the topics of rigging, texturing, and lighting.								
COM	MDIA	<b>MDIA</b>	<b>3600</b>	<b>Producing for Video</b>	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MDIA 2100 or MDIA 2200						
		COURSE DESC:		Focuses on the role of the producer in the video and film industries. Particular attention is placed on developing marketable ideas, research, production planning, budgeting, and pitching.								
COM	MDIA	<b>MDIA</b>	<b>3602</b>	<b>Production in Los Angeles</b>	Lecture	3	0		D	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission of Program Director						
		COURSE DESC:		This course introduces students to professional production techniques in the Los Angeles-based creative industries. Students attend film/video shoots and visit studios, production companies, vendors (camera suppliers), and post-production facilities (e.g., sound mixing, video post). The course also includes guest speakers (e.g., production executives, line producers, assistant directors) and workshops (e.g., camera/lighting, on-set professional etiquette). Students acquire skills in budgeting, location scouting, production permits, equipment rental, and negotiation with talent/suppliers in the Los Angeles area. The course culminates with a short project produced by students in the OHIO-in-LA Program.								
COM	MDIA	<b>MDIA</b>	<b>3700</b>	<b>Intermediate Video Production</b>	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MDIA 2700						
		COURSE DESC:		Prepares students for work in the video production profession and further their knowledge of single-camera video, field production techniques. Students will develop their creative voice and storytelling abilities.								
COM	MDIA	<b>MDIA</b>	<b>3701</b>	<b>Directing the Narrative Scene: Director Preparation and Pre-Visualization</b>	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MDIA 2200						
		COURSE DESC:		Combines elements of lighting, camera work, and editing with concepts of blocking and directing actors to inform choices when directing a narrative scene for single camera or multicamera narrative television production.								
COM	MDIA	<b>MDIA</b>	<b>3701</b>	<b>Directing the Narrative Scene: Director Preparation and Pre-Visualization</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MDIA 2200						
		COURSE DESC:		Combines elements of lighting, camera work, and editing with concepts of blocking and directing actors to inform choices when directing a narrative scene for single camera or multicamera narrative television production.								
COM	MDIA	<b>MDIA</b>	<b>3702</b>	<b>Multicamera Producing and Directing</b>	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MDIA 1400 and (MDIA 1200 or 1300 or 2900) or (EM 2110 and EM 2111)						
		COURSE DESC:		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	<b>MDIA</b>	<b>3705</b>	<b>Writing and Producing the Non-Fiction Podcast Series</b>	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		Students explore the process of writing, pre-producing, creating, and distributing a multi-episodic podcast series for client-based non-fiction projects.								
COM	MDIA	<b>MDIA</b>	<b>3800</b>	<b>The Craft of Editing</b>	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MDIA 2800						
		COURSE DESC:		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	<b>MDIA</b>	<b>3807</b>	<b>The Art of Editing</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	MDIA 2010 or FILM 2010 or 2020						
		COURSE DESC:		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	<b>MDIA</b>	<b>3810</b>	<b>Women and the Media</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		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	<b>MDIA</b>	<b>3910</b>	<b>On-Campus Practicum</b>	Internship	1	6	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	MDIA majors only						
		COURSE DESC:		PR, F Practical experience in Ohio University media facilities.								
COM	MDIA	<b>MDIA</b>	<b>3911</b>	<b>Off-Campus Practicum</b>	Internship	1	6	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	MDIA majors only						
		COURSE DESC:		PR, F Practical experience in off-campus media facilities. May be taken during breaks or in summer. Students are required to submit a proposal and work at least 40 hours.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>MDIA</b>	<b>3912</b>	<b>Social Media Practicum</b>	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	<b>MDIA</b>	<b>3970T</b>	<b>Media Tutorial</b>	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	<b>MDIA</b>	<b>3980T</b>	<b>Media Tutorial</b>	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	<b>MDIA</b>	<b>4011</b>	<b>Media and the Digital Divide</b>	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	<b>MDIA</b>	<b>4012</b>	<b>Broadcasting for Social Justice: A History of Broadcasting and U.S. Social Movements (1930-Present).</b>	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	<b>MDIA</b>	<b>4015</b>	<b>Media and Development</b>	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	<b>MDIA</b>	<b>4100</b>	<b>Communications Media Law and Regulations</b>	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	<b>MDIA</b>	<b>4120</b>	<b>Advanced Social Media</b>	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	<b>MDIA</b>	<b>4122</b>	<b>Social Media Industries</b>	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	<b>MDIA</b>	<b>4130</b>	<b>Social Media Analytics</b>	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	<b>MDIA</b>	<b>4132X</b>	<b>Visual Analytics</b>	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.								

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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	<b>MDIA</b>	<b>4140</b>	<b>New Media and Communication Technologies</b>	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	<b>MDIA</b>	<b>4141</b>	<b>Satellite Media and Communications</b>	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	<b>MDIA</b>	<b>4160</b>	<b>Global Animation</b>	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	<b>MDIA</b>	<b>4170</b>	<b>Media and the Muslim World</b>	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	<b>MDIA</b>	<b>4175</b>	<b>Media and Sexual Representation</b>	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	<b>MDIA</b>	<b>4176</b>	<b>Technology, Communication, and Culture</b>	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	<b>MDIA</b>	<b>4201</b>	<b>Advanced Screenwriting for Film</b>	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	<b>MDIA</b>	<b>4202</b>	<b>Advanced Screenwriting for Television/Film: the Rewrite</b>	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	<b>MDIA</b>	<b>4250</b>	<b>Immersive Media Collaboratory</b>	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	<b>MDIA</b>	<b>4305</b>	<b>Recording Studio Design &amp; Maintenance</b>	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	<b>MDIA</b>	<b>4310</b>	<b>Music Production/Recording Industry Capstone</b>	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	<b>MDIA</b>	<b>4405</b>	<b>Digital Media Capstone</b>	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	<b>MDIA</b>	<b>4500</b>	<b>Animation III</b>	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	<b>MDIA</b>	<b>4600</b>	<b>The Business of Hollywood</b>	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	<b>MDIA</b>	<b>4601</b>	<b>The Development Process for the Creative Industries</b>	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	<b>MDIA</b>	<b>4700</b>	<b>Nonfiction Storytelling and Documentary Production</b>	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	<b>MDIA</b>	<b>4705</b>	<b>Media and Web Delivery</b>	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	<b>MDIA</b>	<b>4706</b>	<b>Writing and Recording Episodic Content for the Podcasting Marketplace</b>	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	<b>MDIA</b>	<b>4719</b>	<b>Advanced Narrative Production</b>	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	<b>MDIA</b>	<b>4800</b>	<b>Advanced Digital Video Postproduction</b>	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	<b>MDIA</b>	<b>4801</b>	<b>Motion Graphics</b>	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	<b>MDIA</b>	<b>4802</b>	<b>Interactive Video Authoring</b>	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	<b>MDIA</b>	<b>4805</b>	<b>Compositing</b>	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	<b>MDIA</b>	<b>4860</b>	<b>Colloquium in Media</b>	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.							

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COM	MDIA	<b>MDIA</b>	<b>4900</b>	<b>Special Topics in Media Arts and Studies</b>	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	<b>MDIA</b>	<b>4901</b>	<b>Special Topics in Media and Social Change</b>	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	<b>MDIA</b>	<b>4902</b>	<b>Special Topics in Screenwriting and Producing</b>	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	<b>MDIA</b>	<b>4903</b>	<b>Special Topics in Music Production and Recording Industry</b>	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	<b>MDIA</b>	<b>4904</b>	<b>Special Topics in Integrated Media</b>	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	<b>MDIA</b>	<b>4905</b>	<b>Special Topics in Games and Animation</b>	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	<b>MDIA</b>	<b>4910</b>	<b>Internship in Media</b>	Internship	1 to 15	15	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required								
		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	<b>MDIA</b>	<b>4911</b>	<b>Los Angeles Internship</b>	Field	3 to 6	12	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: MDIA 2011 and Jr or Sr								
		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	<b>MDIA</b>	<b>4930</b>	<b>Special Problems</b>	Ind Study	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR Seminar contents varies based on individual student interest and proposal of study.								
COM	MDIA	<b>MDIA</b>	<b>4931</b>	<b>Independent Production Projects</b>	Ind Study	1 to 3	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MDIA major								
		COURSE DESC:		CR, PR Independent projects in media production.								
COM	MDIA	<b>MDIA</b>	<b>4932</b>	<b>Independent Readings in Media</b>	Ind Study	1 to 3	999		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR Seminar contents varies.								
COM	MDIA	<b>MDIA</b>	<b>4970T</b>	<b>Media Tutorial</b>	Tutorial	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: HTC								
		COURSE DESC:		CR, PR 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	<b>MDIA</b>	<b>4980T</b>	<b>Media Tutorial</b>	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	<b>MDIA</b>	<b>5011</b>	<b>Media and the Digital Divide</b>	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	<b>MDIA</b>	<b>5012</b>	<b>Broadcasting for Social Justice: A History of Broadcasting and U.S. Social Movements (1930-Present).</b>	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	<b>MDIA</b>	<b>5015</b>	<b>Media and Development</b>	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	<b>MDIA</b>	<b>5100</b>	<b>Studio Basics for Animation, Games and Video/Audio Post-Production</b>	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	<b>MDIA</b>	<b>5111</b>	<b>Media Phenomenology</b>	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	<b>MDIA</b>	<b>5122</b>	<b>Social Media Industries</b>	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	<b>MDIA</b>	<b>5132X</b>	<b>Visual Analytics</b>	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	<b>MDIA</b>	<b>5135</b>	<b>Documentary Genres</b>	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	<b>MDIA</b>	<b>5140</b>	<b>New Media and Communication Technologies</b>	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	<b>MDIA</b>	<b>5141</b>	<b>Satellite Media and Communication</b>	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	<b>MDIA</b>	<b>5150</b>	<b>Media and Globalization</b>	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	<b>MDIA</b>	<b>5160</b>	<b>History of Computer Graphics</b>	Lecture	4	0		I	G50		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE: Permission required PR Investigates the history of special effects in film from Melies to ILM, with an emphasis on narrative integration and technical achievement.								
COM	MDIA	<b>MDIA</b>	<b>5170</b>	<b>Media and the Muslim World</b>	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	<b>MDIA</b>	<b>5172</b>	<b>Public Media: Past, Present, and Future</b>	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	<b>MDIA</b>	<b>5175</b>	<b>Media &amp; Sexual Representation</b>	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	<b>MDIA</b>	<b>5176</b>	<b>Technology, Communication, and Culture</b>	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	<b>MDIA</b>	<b>5301</b>	<b>Music Production &amp; Technology</b>	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	<b>MDIA</b>	<b>5302</b>	<b>Music Production: Mixing and Delivery</b>	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	<b>MDIA</b>	<b>5405</b>	<b>Games Development and Animation III</b>	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	<b>MDIA</b>	<b>5501</b>	<b>Animation</b>	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	<b>MDIA</b>	<b>5501</b>	<b>Animation</b>	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	<b>MDIA</b>	<b>5502</b>	<b>Animation II</b>	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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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
COM	MDIA	<b>MDIA</b>	<b>5502</b>	<b>Animation II</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MDIA 5501					
		COURSE DESC:		A continuation of the advanced principles of computer modeling and animation. Builds on the topics of rigging, texturing, lighting, and animation.								
COM	MDIA	<b>MDIA</b>	<b>5505</b>	<b>Compositing</b>	Discussion	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MDIA 5100 or permission					
		COURSE DESC:		Involves students in a deep exploration of the design and creation of complex digital images through layering effects involving photographic images, motion graphics, and animated elements.								
COM	MDIA	<b>MDIA</b>	<b>5505</b>	<b>Compositing</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MDIA 5100 or permission					
		COURSE DESC:		Involves students in a deep exploration of the design and creation of complex digital images through layering effects involving photographic images, motion graphics, and animated elements.								
COM	MDIA	<b>MDIA</b>	<b>5540</b>	<b>Personal Values in Telecommunications</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:						
		COURSE DESC:		Explores the nature of personal values and surveys the values that have shaped and are shaping American culture. Examines the role of the individual within media institutions and of the media within American culture.								
COM	MDIA	<b>MDIA</b>	<b>5601</b>	<b>Media Financial Management</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:						
		COURSE DESC:		Consideration of fiscal problems in media businesses and industries with special emphasis on financial policies and economic factors.								
COM	MDIA	<b>MDIA</b>	<b>5611</b>	<b>Leading Digital Media Transformation and Innovation in Organizations</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MDIA 5610 or COMM 5610					
		COURSE DESC:		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	<b>MDIA</b>	<b>5680</b>	<b>Action Research</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,		REQUISITE:	CR, PR					
		COURSE DESC:		An experiential and interactive approach to the systematic use of media resources by groups, organizations and communities, in development and business, to promote, produce, and support social change.								
COM	MDIA	<b>MDIA</b>	<b>5700</b>	<b>Single Camera Video Field Production</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MDIA 5100 or VICO 6401					
		COURSE DESC:		Prepares students for work in the video production profession and further their knowledge of single-camera video and field production techniques. Students will develop their creative voice and storytelling abilities.								
COM	MDIA	<b>MDIA</b>	<b>5701</b>	<b>Producing for Video, Web and New Media</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	Warning: No credit for this course if taken after the following: MDIA 3600					
		COURSE DESC:		Focuses on the role of the producer in the video, web and new media industries. Particular attention is placed on developing marketable ideas, research, production planning, budgeting, and pitching.								
COM	MDIA	<b>MDIA</b>	<b>5702</b>	<b>Multicamera Production for Television and Web</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MDIA 5100 or VICO 6401					
		COURSE DESC:		An intensive, practical introduction to television/web studio production. Students direct a variety of program formats, including interviews, demonstrations, scripted shows and live current affairs productions. Develop producing and directing skills, to communicate effectively over talkback, to acquire good time management skills, and to write studio camera scripts for television and web series production.								
COM	MDIA	<b>MDIA</b>	<b>5705</b>	<b>Writing and Producing the Non-Fiction Podcast Series</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	(MDIA 5100 or VICO 6401) and WARNING: No credit if taken after MDIA 3705					
		COURSE DESC:		Students explore the process of writing, pre-producing, creating, and distributing a multi-episodic podcast series for client-based non-fiction projects.								
COM	MDIA	<b>MDIA</b>	<b>5706</b>	<b>Nonfiction Video and Television Storytelling Production</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F		REQUISITE:	MDIA 5100 or VICO 6401					
		COURSE DESC:		Prepares students for work in the video production profession and further their knowledge of nonfiction video production techniques that might be found in documentary, corporate/industrial videos or reality television production. Through this process students will develop their creative voice and storytelling abilities.								

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COM	MDIA	<b>MDIA</b>	<b>5750</b>	<b>Politics and Electronic Media</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>MDIA</b>	<b>5801</b>	<b>Sound for Moving Image</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	MDIA 5100 or VICO 6401							
				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	<b>MDIA</b>	<b>5802</b>	<b>Video Editing Aesthetics</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	MDIA 5100 or VICO 6401							
				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	<b>MDIA</b>	<b>5803</b>	<b>Media and Web Delivery</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	MDIA 5100 or VICO 6401							
				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	<b>MDIA</b>	<b>5804</b>	<b>Motion Graphics</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	VICO 5400 or MDIA 5100							
				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	<b>MDIA</b>	<b>5805</b>	<b>Advanced Digital Video Postproduction</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	MDIA 5100 or VICO 6401							
				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	<b>MDIA</b>	<b>5810</b>	<b>Media and Identity</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>MDIA</b>	<b>5900</b>	<b>Special Topics in Media Arts and Studies</b>	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	<b>MDIA</b>	<b>5937</b>	<b>Independent Production Projects</b>	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	<b>MDIA</b>	<b>6000</b>	<b>Introduction to Graduate Study</b>	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	<b>MDIA</b>	<b>6010</b>	<b>Introduction to Mass Communication Research</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>MDIA</b>	<b>6020</b>	<b>Quantitative Comm Research</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>MDIA</b>	<b>6030</b>	<b>Qualitative Research Methods in Media Studies</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	Basic knowledge of research methods is strongly recommended							
				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	<b>MDIA</b>	<b>6080</b>	<b>Seminar in Communication and Development</b>	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	<b>MDIA</b>	<b>6081</b>	<b>Introduction to Theory in Communication and Development</b>	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	<b>MDIA</b>	<b>6082</b>	<b>Introduction to Research in Communication and Development</b>	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	<b>MDIA</b>	<b>6090</b>	<b>Applied Research Methods in Communication and Development</b>	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	<b>MDIA</b>	<b>6100</b>	<b>Introduction to Audio and Video Production</b>	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	<b>MDIA</b>	<b>6100</b>	<b>Introduction to Audio and Video Production</b>	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	<b>MDIA</b>	<b>6130</b>	<b>Research in Social Data Analytics</b>	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	<b>MDIA</b>	<b>6171</b>	<b>Children, Youth, and Media</b>	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	<b>MDIA</b>	<b>6202</b>	<b>Professionals Screenwriting for TV and Film</b>	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	<b>MDIA</b>	<b>6900</b>	<b>Special Topics in Media Arts and Studies</b>	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	<b>MDIA</b>	<b>6901</b>	<b>Special Topics in Media Arts &amp; Studies</b>	Seminar	4	8		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Special offerings based on faculty expertise, availability of visiting professionals, student interest, and current trends.								
COM	MDIA	<b>MDIA</b>	<b>6920</b>	<b>Immersive Media Practicum</b>	Practicum	1 to 9	18		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:								
		COURSE DESC:		PR, F This course integrates graduate students into a hands-on work environment in Virtual and Augmented Reality production, focusing their efforts on faculty-led immersive media projects. Students work with faculty and staff as part of a multi-person team to accomplish project-specific goals during the assigned semester.								
COM	MDIA	<b>MDIA</b>	<b>6930</b>	<b>Independent Study</b>	Ind Study	1 to 12	30		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR, PR Individual research on special problems. Projects must be approved prior to registration.								
COM	MDIA	<b>MDIA</b>	<b>6950</b>	<b>Thesis</b>	Thesis	1 to 12	24		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR, PR Students engage in research and/or creative practice applicable to the completion of a written or creative thesis.								
COM	MDIA	<b>MDIA</b>	<b>7000</b>	<b>Professional Seminar in Media Arts &amp; Studies</b>	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	<b>MDIA</b>	<b>7100</b>	<b>Management and Leadership in Media Industries</b>	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	<b>MDIA</b>	<b>7102</b>	<b>Media Content Management</b>	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	<b>MDIA</b>	<b>7105</b>	<b>Audience Research</b>	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	<b>MDIA</b>	<b>7610</b>	<b>Media Law and Regulations</b>	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	<b>MDIA</b>	<b>7670</b>	<b>Comparative and International Media Systems</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	<b>MDIA</b>	<b>7700</b>	<b>Mass Communication Theory</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Examines the intellectual genealogies and the factors that foster particular theoretical explanations of media's role in society. It begins with the early pragmatists and behaviorists of the early 1900s then moves to the influence of mid-century sociologists and finally considers the divergent theoretical paths taken in the 1970s.								
COM	MDIA	<b>MDIA</b>	<b>7720</b>	<b>Critical and Cultural Theory</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>MDIA</b>	<b>7800</b>	<b>Seminar in Media Historical Research</b>	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	<b>MDIA</b>	<b>7940</b>	<b>Directed Research</b>	Research	1 to 8	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR Individual research project under supervision of faculty.								
COM	MDIA	<b>MDIA</b>	<b>8010</b>	<b>Seminar in Pedagogy</b>	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	<b>MDIA</b>	<b>8900</b>	<b>Special Topics in Media Arts and Studies</b>	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	<b>MDIA</b>	<b>8901</b>	<b>Seminar in Media Research</b>	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	<b>MDIA</b>	<b>8930</b>	<b>Independent Study</b>	Ind Study	1 to 12	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR Individual study and research on special problems. Projects must be approved prior to registration.								
COM	MDIA	<b>MDIA</b>	<b>8950</b>	<b>Dissertation</b>	Thesis	1 to 12	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR Research applicable to 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
COM	VICO	<b>VICO</b>	<b>1000</b>	<b>Introduction to Studies in Visual Communication</b>	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	<b>VICO</b>	<b>1014</b>	<b>Introduction to Visual Communication Skills: Design</b>	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	<b>VICO</b>	<b>1021</b>	<b>Introduction to Visual Communication Skills: Photography</b>	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	<b>VICO</b>	<b>1113</b>	<b>Visual Communication Design I</b>	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	<b>VICO</b>	<b>1115</b>	<b>Visual Communication Design I</b>	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	<b>VICO</b>	<b>1414</b>	<b>Introduction to Visual Communication Skills: Design</b>	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	<b>VICO</b>	<b>1414</b>	<b>Introduction to Visual Communication Skills: Design</b>	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	<b>VICO</b>	<b>1421</b>	<b>Introduction to Visual Communication Skills: Photography</b>	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	<b>VICO</b>	<b>1421</b>	<b>Introduction to Visual Communication Skills: Photography</b>	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	<b>VICO</b>	<b>1422</b>	<b>Visual Communication Photography</b>	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	<b>VICO</b>	<b>2161</b>	<b>Interactive I: Web Design</b>	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	<b>VICO</b>	<b>2162</b>	<b>Interactive II: Advanced Web Design</b>	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.								

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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	VICO	<b>VICO</b>	<b>2221</b>	<b>Commercial Photography I: Introduction</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in ((VICO 1021 or 1421) and JOUR 1330)						
		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	<b>VICO</b>	<b>2390</b>	<b>Photojournalism I: Single Images</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (VICO 1000 and (1021 or 1421))						
		COURSE DESC:		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	<b>VICO</b>	<b>2392</b>	<b>Photojournalism II: Picture Story</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (VICO 2390 and JOUR 1330)						
		COURSE DESC:		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	<b>VICO</b>	<b>2400</b>	<b>Illustration I: Digital Imaging</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in VICO 1021						
		COURSE DESC:		Advanced class introducing the computer as a tool for digital creation of images to produce visual communication imagery. Cooperative buying fee.								
COM	VICO	<b>VICO</b>	<b>2401</b>	<b>Multimedia Production for Visual Communication</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (VICO 1000 and (1115 or 2392))						
		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	<b>VICO</b>	<b>2420</b>	<b>Visual Communication Topic Seminar I</b>	Seminar	1 to 6	12		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	VICO 1014 and C or better in 1000						
		COURSE DESC:		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	<b>VICO</b>	<b>2432</b>	<b>Visual Communication Business Practices</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	VICO 1014 and 1021 and C or better in 1000						
		COURSE DESC:		CR, PR	Examines the business side of visual communication with an emphasis on entrepreneurship.							
COM	VICO	<b>VICO</b>	<b>2435</b>	<b>Visual Communication Picture Editing</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	VICO 1000 and 1021 and C or better in 1014						
		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	<b>VICO</b>	<b>2500</b>	<b>Digital imaging: Using Photoshop</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>VICO</b>	<b>2514</b>	<b>Introduction to Basic Publication Design</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Not VICO majors						
		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.								
COM	VICO	<b>VICO</b>	<b>2521</b>	<b>Introduction to Basic Photography</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Not VICO majors and WARNING: No credit if taken after VICO 1021 or 1421						
		COURSE DESC:		Introduction to the techniques and aesthetics of photography. This course is for non-VisCom majors.								
COM	VICO	<b>VICO</b>	<b>2561</b>	<b>Introduction to Basic Web Design</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Not VICO majors						
		COURSE DESC:		Introduction to the techniques and aesthetics of web design. This course is for non-VisCom majors only.								
COM	VICO	<b>VICO</b>	<b>2900</b>	<b>Special Topics in Visual Communication</b>	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
COM	VICO	<b>VICO</b>	<b>3010</b>	<b>Communicating with Data Visualization</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		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	<b>VICO</b>	<b>3111</b>	<b>Design II: Informational Graphics</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (VICO 1115 and JOUR 1330)						
		COURSE DESC:		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	<b>VICO</b>	<b>3115</b>	<b>Design III: Advanced Publication Design</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (VICO 2435 and 3111)						
		COURSE DESC:		Advanced study in information architecture through publication design. Cooperative buying fee.								
COM	VICO	<b>VICO</b>	<b>3141</b>	<b>Illustration II: Editorial Illustration</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in VICO 3115						
		COURSE DESC:		Application of industry-specific tools and techniques for illustrative visual communication of story concepts in both magazine and printing environments. Students will understand the process and application of both traditional and digital techniques of illustration.								
COM	VICO	<b>VICO</b>	<b>3173</b>	<b>Interactive III: Interactive Media</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (VICO 2401 and 2162 and JOUR 1330)						
		COURSE DESC:		Introduction to planning, media integration, and production techniques and tools of interactive multimedia. Through practical exercises this course will expose students to major component media, including computer text, graphics, photography, animation, speech, sound, and video. Technical and human interface issues are also covered. Cooperative buying fee.								
COM	VICO	<b>VICO</b>	<b>3227</b>	<b>Commercial Photography II: Fashion and portraiture</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (VICO 2221 and JOUR 1330)						
		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	<b>VICO</b>	<b>3228</b>	<b>Commercial Photography III: Still life and Architecture</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in VICO 3227						
		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	<b>VICO</b>	<b>3320</b>	<b>Photojournalism III: Motion and Sound</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (VICO 2401 and 2392)						
		COURSE DESC:		Application of the techniques and journalistic practices and ethics of the visual story to motion images and sound.								
COM	VICO	<b>VICO</b>	<b>3360</b>	<b>Photojournalism in Scotland</b>	Lecture	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	C or better in VICO 2390						
		COURSE DESC:		CR	Intermediate photojournalism techniques and practices in a field setting in Scotland. Students are required to have an approved professional camera and appropriate lenses (f 2.8 or faster and at least one with an effective viewer wider than 35mm and one with an effective view of 100mm or longer), flash, and tripod for the course. Check with the department for current guidelines.							
COM	VICO	<b>VICO</b>	<b>3361</b>	<b>Photojournalism in Scotland II</b>	Lecture	3	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	C or better in VICO 2390						
		COURSE DESC:		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	<b>VICO</b>	<b>3394</b>	<b>Small Systems Lighting for Communication Photography</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in VICO 2221 or 2390						
		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.								

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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	VICO	<b>VICO</b>	<b>3420</b>	<b>Visual Communication Topic Seminar II</b>	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	<b>VICO</b>	<b>3450</b>	<b>Visual Communication Traditional Darkroom techniques</b>	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	<b>VICO</b>	<b>3921</b>	<b>Synthesis Storytelling for Visual Communication</b>	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	<b>VICO</b>	<b>3922</b>	<b>Synthesis Commercial Project for Visual Communication</b>	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	<b>VICO</b>	<b>3923</b>	<b>Synthesis Design Project For Visual Communication</b>	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	<b>VICO</b>	<b>3924</b>	<b>Synthesis Multimedia Project For Visual Communication</b>	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	<b>VICO</b>	<b>4001</b>	<b>Semester in DC: Covering Washington DC</b>	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	<b>VICO</b>	<b>4112</b>	<b>Illustration Capstone: Advanced Informational Graphics</b>	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	<b>VICO</b>	<b>4188</b>	<b>Interactive Capstone: Advanced Interactive Media</b>	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	<b>VICO</b>	<b>4200</b>	<b>Video Capture for Commercial Photography</b>	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	<b>VICO</b>	<b>4227</b>	<b>Commercial Photography IV: Business and Studio Practices</b>	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.								

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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	VICO	<b>VICO</b>	<b>4229</b>	<b>Advanced Photographic Illustration: Applications</b>	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	<b>VICO</b>	<b>4321</b>	<b>Documentary and Essay Photojournalism</b>	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	<b>VICO</b>	<b>4386</b>	<b>Photojournalism Capstone</b>	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	<b>VICO</b>	<b>4387</b>	<b>Advanced Photographic Reportage</b>	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	<b>VICO</b>	<b>4470</b>	<b>Graphics Systems Management</b>	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	<b>VICO</b>	<b>4492H</b>	<b>Visual Communication Honors Project</b>	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	<b>VICO</b>	<b>4900</b>	<b>Special Topics in Visual Communication</b>	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	<b>VICO</b>	<b>4902</b>	<b>Semester in DC: Seminar I</b>	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	<b>VICO</b>	<b>4903</b>	<b>Semester in DC: Seminar II</b>	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	<b>VICO</b>	<b>4904</b>	<b>Semester in DC: Seminar III</b>	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	<b>VICO</b>	<b>4930</b>	<b>Individual Study</b>	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.								

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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	<b>VICO</b>	<b>5010</b>	<b>Communicating with Data Visualization</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		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	<b>VICO</b>	<b>5014</b>	<b>Information Design Basics</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5022								
		COURSE DESC:		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	<b>VICO</b>	<b>5022</b>	<b>Graduate Seminar</b>	Lecture	1	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: MA or MSJ students only								
		COURSE DESC:		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	<b>VICO</b>	<b>5111</b>	<b>Visual Communication Design II: Informational Graphics</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5022								
		COURSE DESC:		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	<b>VICO</b>	<b>5112</b>	<b>Advanced Informational Graphics</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5111								
		COURSE DESC:		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	<b>VICO</b>	<b>5115</b>	<b>Design III: Advanced Publication Layout and Design</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: VICO 5022								
		COURSE DESC:		PR Intermediate study in information architecture through publication design. Cooperative buying fee.								
COM	VICO	<b>VICO</b>	<b>5141</b>	<b>Illustration II: Editorial Illustration</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5400								
		COURSE DESC:		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	<b>VICO</b>	<b>5161</b>	<b>Interactive I: Web Design</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5014 and 5022								
		COURSE DESC:		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	<b>VICO</b>	<b>5162</b>	<b>Interactive II: Advanced Web Design</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5161								
		COURSE DESC:		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	<b>VICO</b>	<b>5173</b>	<b>Interactive III: Interactive Media</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5162								
		COURSE DESC:		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.								
COM	VICO	<b>VICO</b>	<b>5200</b>	<b>Video Capture for Commercial Photography</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: VICO 5022								
		COURSE DESC:		PR 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.								

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COM	VICO	<b>VICO</b>	<b>5221</b>	<b>Commercial Photography I: Introduction</b>	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	<b>VICO</b>	<b>5227</b>	<b>Commercial Photography II: Fashion and portraiture</b>	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	<b>VICO</b>	<b>5228</b>	<b>Commercial Photography III: Still life and Architecture</b>	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	<b>VICO</b>	<b>5320</b>	<b>Photojournalism III: Motion and Sound</b>	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	<b>VICO</b>	<b>5321</b>	<b>Documentary and Essay Photojournalism</b>	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	<b>VICO</b>	<b>5322</b>	<b>Introduction to Visual Communication Skills</b>	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	<b>VICO</b>	<b>5360</b>	<b>Photojournalism in Scotland</b>	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	<b>VICO</b>	<b>5361</b>	<b>Photojournalism in Scotland II</b>	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	<b>VICO</b>	<b>5381</b>	<b>Editorial Photography</b>	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.								
COM	VICO	<b>VICO</b>	<b>5382</b>	<b>The Photographic Essay</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
SORTED BY 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	<b>VICO</b>	<b>5386</b>	<b>Photojournalism Story</b>	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	<b>VICO</b>	<b>5387</b>	<b>Advanced Photographic Reportage: Magazine</b>	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	<b>VICO</b>	<b>5387</b>	<b>Advanced Photographic Reportage: Magazine</b>	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	<b>VICO</b>	<b>5394</b>	<b>Small Systems Lighting for Communication Photography</b>	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	<b>VICO</b>	<b>5400</b>	<b>Illustration I: Digital Imaging</b>	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. Cooperative buying fee.								
COM	VICO	<b>VICO</b>	<b>5401</b>	<b>Aspects of Photo Communication</b>	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	<b>VICO</b>	<b>5435</b>	<b>Visual Communication Picture Editing</b>	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	<b>VICO</b>	<b>5450</b>	<b>Visual Communication Traditional Darkroom Techniques</b>	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	<b>VICO</b>	<b>5514</b>	<b>Introduction to Basic Publication Design</b>	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.								
COM	VICO	<b>VICO</b>	<b>5561</b>	<b>Introduction to Basic Web Design</b>	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.								

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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	VICO	<b>VICO</b>	<b>5900</b>	<b>Special Topics in Visual Communication</b>	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	<b>VICO</b>	<b>6188</b>	<b>Interactive Capstone: Advanced Interactive Media</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5173								
		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	<b>VICO</b>	<b>6227</b>	<b>Commercial Photography IV: Business and Studio Practices</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5228								
		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	<b>VICO</b>	<b>6229</b>	<b>Advanced Photographic Illustration: Applications</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5228								
		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	<b>VICO</b>	<b>6401</b>	<b>Multimedia Production for Visual Communication</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5022								
		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	<b>VICO</b>	<b>6432</b>	<b>Visual Communication Business Practices</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: VICO 5022								
		COURSE DESC:		Examines the business side of visual communication with an emphasis on entrepreneurship.								
COM	VICO	<b>VICO</b>	<b>6435</b>	<b>Seminar in Visual Communication</b>	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	<b>VICO</b>	<b>6470</b>	<b>Management in Visual Communication</b>	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	<b>VICO</b>	<b>6900</b>	<b>Special Topics in Visual Communication</b>	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	<b>VICO</b>	<b>6921</b>	<b>Synthesis Storytelling for Visual Communication</b>	Practicum	1 to 8	16		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Written proposal and permission								
		COURSE DESC:		Will gather students from across disciplines to publish the journalistically-based multimedia publication Soul of Athens.								
COM	VICO	<b>VICO</b>	<b>6922</b>	<b>Synthesis Commercial Project for Visual Communication</b>	Practicum	1 to 8	16		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Written proposal and permission								
		COURSE DESC:		A commercial photography-based practicum where students from various disciplines produce a published 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
COM	VICO	<b>VICO</b>	<b>6930</b>	<b>Individual Study</b>	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	<b>VICO</b>	<b>6940</b>	<b>Visual Communication Research Application</b>	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	<b>VICO</b>	<b>6950</b>	<b>Communication Media Arts Thesis</b>	Thesis	1 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	<b>VICO</b>	<b>6960</b>	<b>Masters Project</b>	Thesis	1 to 15	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Five hours are required and only five will count toward the degree. However, a student may take up to 15 hours.								



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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	2010	<b>Career and Life Planning Seminar</b> 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.	Lecture	2	0		N	U10		0
EHS	C&HE	EDCE	2015	<b>Camp Counseling Cultural Immersion: Service Learning</b> 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.	Laboratory	4	0		N	U30		0
EHS	C&HE	EDCE	2015	<b>Camp Counseling Cultural Immersion: Service Learning</b> 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.	Lecture	4	0		N	U30		0
EHS	C&HE	EDCE	2900	<b>Special Topics in Education - Counselor Education</b> ELIGIBLE GRADES: GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.	Lecture	1 to 15	999		N	U30		0
EHS	C&HE	EDCE	3001	<b>Case Management in Human Services</b> 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.	Lecture	3	0		N	U30		0
EHS	C&HE	EDCE	3002	<b>Job Placement for Human Services Professionals</b> 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.	Lecture	3	0		N	U30		0
EHS	C&HE	EDCE	3003	<b>Stress Management</b> 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.	Lecture	3	0		N	U30		0
EHS	C&HE	EDCE	4000	<b>Special Topics in Guidance, Counseling, and Student Personnel</b> 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.	Lecture	2 to 4	12		N	U30		0
EHS	C&HE	EDCE	4001	<b>Human Service Professions</b> 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.	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
EHS	C&HE	<b>EDCE</b>	<b>4100</b>	<b>Human Relations</b>	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	<b>EDCE</b>	<b>4400</b>	<b>Foundations in Group Dynamics</b>	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	<b>EDCE</b>	<b>4900</b>	<b>Special Topics in Education - Counselor Education</b>	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	<b>EDCE</b>	<b>4910</b>	<b>Internship in Human Services</b>	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	<b>EDCE</b>	<b>4980</b>	<b>Ethical Issues in Human Services</b>	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	<b>EDCE</b>	<b>6200</b>	<b>Foundations of Counseling: Clinical Mental Health, Rehabilitation, School Counseling</b>	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	<b>EDCE</b>	<b>6220</b>	<b>Career Development: Research and Theory</b>	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	<b>EDCE</b>	<b>6240</b>	<b>Professional School Counseling</b>	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.								

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COURSE LISTING  
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EHS	C&HE	EDCE	6260	<b>Medical and Psychosocial Issues in Rehabilitation Counseling</b>	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	<b>Counseling, Teaching, and the Behavior Change Process</b>	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	<b>Counseling, Teaching, and the Behavior Change Process</b>	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	<b>Job Placement Theory and Techniques</b>	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	<b>Appraisal I</b>	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	<b>Counseling Over the Lifespan</b>	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	<b>Group Counseling I</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
SORTED BY 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	<b>EDCE</b>	<b>6520</b>	<b>Group Counseling II</b>	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	<b>EDCE</b>	<b>6550</b>	<b>Counseling Theory and Techniques</b>	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	<b>EDCE</b>	<b>6555</b>	<b>Counseling Interviewing Techniques</b>	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	<b>EDCE</b>	<b>6555</b>	<b>Counseling Interviewing Techniques</b>	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	<b>EDCE</b>	<b>6620</b>	<b>Diagnosis and Treatment Planning in Counseling</b>	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	<b>EDCE</b>	<b>6700</b>	<b>Organizational Theory and Techniques in Counseling</b>	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	<b>EDCE</b>	<b>6750</b>	<b>Psychopathology for Counselors</b>	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	<b>EDCE</b>	<b>6810</b>	<b>Counseling Capstone</b>	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  
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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	<b>EDCE</b>	<b>6850</b>	<b>Multicultural Education</b>	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	<b>EDCE</b>	<b>6860</b>	<b>Multicultural Counseling</b>	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	<b>EDCE</b>	<b>6900</b>	<b>Special Topics in Education - Counselor Education</b>	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	<b>EDCE</b>	<b>6910</b>	<b>Field Experience in Counseling</b>	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	<b>EDCE</b>	<b>6914</b>	<b>Counseling Internship</b>	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	<b>EDCE</b>	<b>6915</b>	<b>Counseling Internship</b>	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	<b>EDCE</b>	<b>6920</b>	<b>Counseling Practicum</b>	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	<b>EDCE</b>	<b>6921</b>	<b>Advanced Counseling Practicum: School</b>	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	<b>EDCE</b>	<b>6922</b>	<b>Advanced Practicum: Clinical Mental Health</b>	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	<b>EDCE</b>	<b>6924</b>	<b>Advanced Practicum: Rehabilitation</b>	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.								

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COURSE LISTING  
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EHS	C&HE	<b>EDCE</b>	<b>6930</b>	<b>Readings and Research in Counseling</b>	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	<b>EDCE</b>	<b>6950</b>	<b>Thesis</b>	Thesis	1 to 9	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCE 6200								
		COURSE DESC:		Seminar contents varies.								
EHS	C&HE	<b>EDCE</b>	<b>7241</b>	<b>Introduction to Play Therapy</b>	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	<b>EDCE</b>	<b>7246</b>	<b>Counseling Children and Adolescents</b>	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	<b>EDCE</b>	<b>7310</b>	<b>Intelligence Assessment</b>	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	<b>EDCE</b>	<b>7320</b>	<b>Personality Assessment</b>	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	<b>EDCE</b>	<b>7330</b>	<b>Counseling Assessment of Children and Adolescents</b>	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	<b>EDCE</b>	<b>7380</b>	<b>Gerontological Counseling</b>	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	<b>EDCE</b>	<b>7390</b>	<b>Family Counseling</b>	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	<b>EDCE</b>	<b>7400</b>	<b>Youth Violence</b>	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.								

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COURSE LISTING  
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EHS	C&HE	<b>EDCE</b>	<b>7511</b>	<b>Stress, Biofeedback, and Self-Control</b>	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	<b>EDCE</b>	<b>7521</b>	<b>Assertiveness Training</b>	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	<b>EDCE</b>	<b>7531</b>	<b>Counseling and Human Sexuality</b>	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	<b>EDCE</b>	<b>7541</b>	<b>Adlerian Theory, Methods, and Research</b>	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	<b>EDCE</b>	<b>7551</b>	<b>Human Relations Skills for a Multicultural Society</b>	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	<b>EDCE</b>	<b>7555</b>	<b>Theory &amp; Practice of Counseling and Psychotherapy</b>	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	<b>EDCE</b>	<b>7600</b>	<b>Addictions Counseling Theory and Practice</b>	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	<b>EDCE</b>	<b>7620</b>	<b>Legal and Ethical Aspects of Counseling</b>	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								

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EHS	C&HE	<b>EDCE</b>	<b>7700</b>	<b>Brief and Solution-Focused Therapy</b>	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Provides student in school and clinical counseling settings with an overview of various brief and solution focused therapy theories, techniques, and practices. Particular attention will be devoted to the study of the brief and solution focused therapy. Lectures will be supplemented by extensive use of videotapes and class exercises designed to thoroughly immerse the student in brief therapy ways of thinking.								
EHS	C&HE	<b>EDCE</b>	<b>7701</b>	<b>Suicide: Essentials for Helping Professionals</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		The purpose is to provide students with the knowledge and skills to identify risk factors that put individuals in danger of suicidal behaviors and to implement prevention programs and interventions for members of a diverse society.								
EHS	C&HE	<b>EDCE</b>	<b>7703</b>	<b>Cognitive Therapy</b>	Lecture	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		For counseling students or others who have foundational training in theoretical approaches to counseling and psychotherapy. Participants will understand the basics of Cognitive Therapy, an approach that is focused on the present, is time-limited, and has a problem-solving orientation. Strategies to identify distorted thinking, modify beliefs, relate to others in different ways, and change specific behaviors will be discussed, demonstrated, and practiced. Instructor permission is required for students not enrolled in the Ohio University counseling program.								
EHS	C&HE	<b>EDCE</b>	<b>7704</b>	<b>Counseling Terminally Ill and HIV/AIDS Clients</b>	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Designed to prepare the student to become familiar with the psychological aspects of death and dying in our society. There will be a specific emphasis on the terminally ill as well as the effects on significant others. Topics include attitudes toward and preparation for death; sociocultural factors that influence attitude to death and care afforded to the dying; and hospice and palliative care and various types of terminal illness (emphasis on HIV/AIDS). Readings and classroom activities will be supplemented by students' self-exploration and writing on feelings, attitudes and beliefs about death and its significance for working with the terminally ill. Videos, guest speakers, readings, class discussions, journals, and individual reflection papers will be used to explore these topics. In addition there will be an exploration of support systems including counseling strategies when working with the terminally ill and their families.								
EHS	C&HE	<b>EDCE</b>	<b>7705</b>	<b>Rational Emotive Behavior Therapy</b>	Lecture	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		For counseling students or others who have foundational training in theoretical approaches to counseling and psychotherapy. Participants will understand the basics of Rational Emotive Behavior Therapy (REBT), a practice, action-oriented approach to coping with problems and enhancing personal growth. The emphasis will be on currently held attitudes and beliefs, and ways in which these might be reformulated into more realistic and helpful beliefs. Theoretical and practice elements will be addressed. Instructor permission is required for students who are not in the Ohio University counseling program.								
EHS	C&HE	<b>EDCE</b>	<b>7706</b>	<b>Counseling Techniques for Clients Diagnosed with PTSD</b>	Lecture	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Designed to prepare students in counseling and other related disciplines to become familiar with the basic tenets of Post Traumatic Stress Disorder (PTSD) primarily the diagnostic criteria, etiology, and the various modalities for treatment. The first section is devoted to an exploration of the theories and counseling strategies relevant to the PTSD. The second section is experiential in nature and will include videos, case studies, and the development of treatment plans for effective intervention. Issues related to counselor self-care and compassion-fatigue will be addressed.								
EHS	C&HE	<b>EDCE</b>	<b>7707</b>	<b>Counseling &amp; Mental Health Awareness in Schools</b>	Lecture	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Common mental disorders diagnosed in children and adolescents will be discussed along with treatment modalities. The school professional's role in identifying and/or supporting students with a mental health diagnosis will be discussed. Likely to be of interest to students and practitioners in education, social work, psychology, counseling, speech and language pathology, and other professions linked to schools.								
EHS	C&HE	<b>EDCE</b>	<b>7720</b>	<b>Psychiatric Rehabilitation</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		The purpose is to provide students with an understanding of the philosophy, process, and techniques of psychiatric rehabilitation. Examines a number of issues pertaining to individuals with severe disabilities including civil rights, vocational rehabilitation, independent living, quality of life, job accommodations and placement, and career development.								



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

College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	<b>EDCE</b>	<b>7730</b>	<b>Gender Issues in Counseling</b>	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	<b>EDCE</b>	<b>8200</b>	<b>Advanced Seminar for Counseling Educators</b>	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	<b>EDCE</b>	<b>8220</b>	<b>Career Development and Counseling</b>	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	<b>EDCE</b>	<b>8240</b>	<b>Counselor Education Professional Publications</b>	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	<b>EDCE</b>	<b>8250</b>	<b>Colloquium</b>	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	<b>EDCE</b>	<b>8520</b>	<b>Advanced Group Counseling</b>	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	<b>EDCE</b>	<b>8550</b>	<b>Counseling Theory Advanced</b>	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	<b>EDCE</b>	<b>8590</b>	<b>Counselor Supervision</b>	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	<b>EDCE</b>	<b>8600</b>	<b>Counselor Education</b>	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	<b>EDCE</b>	<b>8600</b>	<b>Counselor Education</b>	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	<b>EDCE</b>	<b>8640</b>	<b>Mental Health Consultation</b>	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	<b>EDCE</b>	<b>8700</b>	<b>Counseling Leadership and Consultation</b>	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	<b>EDCE</b>	<b>8900</b>	<b>Special Topics in Education - Counselor Education</b>	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	<b>EDCE</b>	<b>8910</b>	<b>Internship</b>	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	<b>EDCE</b>	<b>8920</b>	<b>Practicum in Counselor Education and Supervision</b>	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	<b>EDCE</b>	<b>8930</b>	<b>Advanced Readings and Research in Counseling</b>	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	<b>EDCE</b>	<b>8950</b>	<b>Dissertation</b>	Thesis	1 to 9	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Seminar content varies.								
EHS	C&HE	<b>EDCE</b>	<b>8990</b>	<b>Leadership in Counseling</b>	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	<b>EDCP</b>	<b>4000</b>	<b>Special Topics in Student Leadership</b>	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	<b>EDCP</b>	<b>4000</b>	<b>Special Topics in Student Leadership</b>	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  
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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	<b>EDCP</b>	<b>5210</b>	<b>College Student Development: Theory with Practice</b>	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	<b>EDCP</b>	<b>5220</b>	<b>College Campus/Student Environment: From Theory to Practice</b>	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	<b>EDCP</b>	<b>5441</b>	<b>College Student Leadership Issues</b>	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	<b>EDCP</b>	<b>5443</b>	<b>Residential Campus Issues</b>	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	<b>EDCP</b>	<b>5447</b>	<b>International Student Services</b>	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	<b>EDCP</b>	<b>5448</b>	<b>Wellness Issues in Higher Education and Student Affairs</b>	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	<b>EDCP</b>	<b>5449</b>	<b>21st- Century Student Issues in Higher Education and Student Affairs - Special Populations</b>	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	<b>EDCP</b>	<b>5450</b>	<b>Problem-based Research in Student Affairs</b>	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	<b>EDCP</b>	<b>5452</b>	<b>Introduction to Resources and Applications in Higher Education and Student Affairs</b>	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	<b>EDCP</b>	<b>5452</b>	<b>Introduction to Resources and Applications in Higher Education and Student Affairs</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>Special Topics in Education - College Student Personnel</b>	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	<b>Introduction to Student Affairs Organization and Administration</b>	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	<b>The Helping Relationship in Higher Education</b>	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	<b>The Helping Relationship in Higher Education</b>	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	<b>Theory to Practice College Student Affairs Seminar I</b>	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	<b>Theory to Practice College Student Affairs Seminar II</b>	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	<b>Theory to Practice College Student Affairs Seminar III</b>	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	<b>Special Topics in Education - College Student Personnel</b>	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	<b>Practicum in Student Affairs</b>	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	<b>Advanced College Student Development: Theories and Research</b>	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	<b>Advanced College Student Development: Theories and Research</b>	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.								

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EHS	C&HE	EDCP	7430	<b>Specialized Studies in Student Development Theory</b>	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	<b>Pedagogy and Practice of Service-learning</b>	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	<b>Advanced College Student Development: Theories and Research</b>	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	<b>Special Topics in Education - College Student Personnel</b>	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	<b>Introduction to Assessment &amp; Evaluation in Higher Education</b>	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	<b>Historical and Contemporary Issues in Higher Education</b>	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	<b>Higher Education and Student Affairs in the United States</b>	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	<b>History and Philosophy of American Higher Education</b>	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	<b>History and Philosophy of American Higher Education</b>	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	<b>Legal Issues in American Higher Education</b>	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	<b>Special Topics in Higher Education and Student Affairs</b>	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.								

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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
EHS	C&HE	EDHE	6940	<b>Capstone Project in Higher Education and Student Affairs</b>	Research	3	0		N	G50		0
		ELIGIBLE GRADES:		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.								
EHS	C&HE	EDHE	7210	<b>Diversity in American Higher Education</b>	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		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.								
EHS	C&HE	EDHE	7390	<b>The American Community College</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		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?								
EHS	C&HE	EDHE	7390	<b>The American Community College</b>	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		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?								
EHS	C&HE	EDHE	7780	<b>Assessment and Evaluation in Higher Education and Student Affairs</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDHE 6880 CR, PR								
		COURSE DESC:		Provides students with an understanding of the principles and practices that are associated with assessment in higher education. Focuses on the reasons for the development of the current assessment movement and on approaches for improving academic programs and support services.								
EHS	C&HE	EDHE	7790	<b>Finance and Budgeting in Higher Education</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		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.								
EHS	C&HE	EDHE	7800	<b>The Professoriate and Academic Administration in Higher Education</b>	Discussion	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		The purpose is to provide contextual knowledge of the evolution of the professoriate in American higher education, as well as the roles, responsibilities, institutional concerns, and career issues of individual members of the faculty. Issues associated with academic administration (e.g., workload) are also covered.								
EHS	C&HE	EDHE	7800	<b>The Professoriate and Academic Administration in Higher Education</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		The purpose is to provide contextual knowledge of the evolution of the professoriate in American higher education, as well as the roles, responsibilities, institutional concerns, and career issues of individual members of the faculty. Issues associated with academic administration (e.g., workload) are also covered.								
EHS	C&HE	EDHE	7810	<b>Practicum in College Teaching and Curriculum Development</b>	Lecture	1 to 4	4		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		A supervised experience in college teaching or curriculum development that students utilize for one or more purposes: to analyze, broaden, and/or deepen their skills in teaching; to analyze, create, and/or improve classes, courses, or programs, or for other purposes related to the improvement of the academic practices of faculty and learning experiences of students.								

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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	<b>Effective Curriculum Development and Teaching Practices in American Higher Education</b>	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	<b>Institutional Research and Planning in Higher Education</b>	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	<b>Organization and Governance of Higher Education</b>	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	<b>Leadership and Change Management in Higher Education</b>	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	<b>Policy Perspectives in Higher Education</b>	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	<b>Advanced Resources and Applications for Higher Education Problems</b>	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	<b>International Service-Learning</b>	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	<b>International Service-Learning</b>	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	<b>International Service-Learning</b>	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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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	C&HE	EDHE	7920	<b>Practicum in Higher Education Administration and Leadership</b>	Practicum	1 to 4	4		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
EHS	C&HE	EDHE	8210	<b>Critical Race Theory in Higher Education</b>	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
EHS	C&HE	EDHE	8210	<b>Critical Race Theory in Higher Education</b>	Seminar	3	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
EHS	C&HE	EDHE	8900	<b>Advanced Special Topics in Higher Education and Student Affairs</b>	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
EHS	C&HE	EDHE	8930	<b>Readings and Research in Higher Education and Student Affairs</b>	Ind Study	1 to 3	3		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
EHS	C&HE	EDHE	8950	<b>Dissertation</b>	Thesis	1 to 15	30		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								



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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	<b>EDAD</b>	<b>8310</b>	<b>Seminar in Collective Bargaining in Education</b>	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	<b>EDCS</b>	<b>1010</b>	<b>Education and the Democratic Community</b>	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	<b>EDCS</b>	<b>1011</b>	<b>Introduction to Diversity Studies</b>	Seminar	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Introduces concepts important to understanding diversity, especially in the United States. Concepts such as privilege, domination, deculturalization, socialization, intersectionality, marginalization and others explored. Provides an introductory exploration in the domains of race/ethnicity, gender, class, sexual orientation and disability.								
EHS	EDST	<b>EDCS</b>	<b>1912</b>	<b>Introduction to Diversity Studies Field Experience/Internship</b>	Internship	1 to 3	60		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required								
		COURSE DESC:		Field experience or internship in a school, community or organizational setting related to diversity issues and education.								
EHS	EDST	<b>EDCS</b>	<b>2010</b>	<b>Education and Cultural Diversity</b>	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	<b>EDCS</b>	<b>4000</b>	<b>Democracy, Education &amp; Society</b>	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	<b>EDCS</b>	<b>4001</b>	<b>Democracy, Diversity and Education</b>	Seminar	3	0	3; CAP	N	U30		25
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: One course in Tier II Social Sciences or Humanities and Sr only								
		COURSE DESC:		Synthesizes the fields of diversity, our democratic society and education's promise for transformation and social change. Studies the social, philosophical, ideological, and historical foundations of diversity in the United States and asks how we can become transformative change agents in creating and sustaining a more diverse and educated citizenry.								
EHS	EDST	<b>EDCS</b>	<b>4900</b>	<b>Special Topics in Critical Studies in Educational Foundations</b>	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	<b>EDCS</b>	<b>4920</b>	<b>Practicum in Critical Studies in Educational Foundations</b>	Practicum	1 to 9	36		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		Practicum in school, community or organizational settings related to critical studies in educational foundations theories.								
EHS	EDST	<b>EDCS</b>	<b>4930</b>	<b>Independent Study in Critical Studies in Educational Foundations</b>	Ind Study	1 to 9	24		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required								
		COURSE DESC:		Individualized studies and/or readings in critical studies in educational foundations supervised by a faculty member.								

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COURSE LISTING  
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EHS	EDST	<b>EDCS</b>	<b>5000</b>	<b>Advanced Studies in the Histories of Education</b>	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.								
EHS	EDST	<b>EDCS</b>	<b>5010</b>	<b>History &amp; Philosophies of Education</b>	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	<b>EDCS</b>	<b>5020</b>	<b>Education and Transformative Social Change</b>	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	<b>EDCS</b>	<b>5030</b>	<b>Advanced Study in Philosophy of Education</b>	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	<b>EDCS</b>	<b>5040</b>	<b>Sociology, Politics, and Change in Education</b>	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	<b>EDCS</b>	<b>5090</b>	<b>Education and the Democratic Community</b>	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	<b>EDCS</b>	<b>5100</b>	<b>Introduction to Critical Studies in Education</b>	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.								

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EHS	EDST	<b>EDCS</b>	<b>5110</b>	<b>Colloquium in Critical Studies in Educational Foundations</b>	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.								
EHS	EDST	<b>EDCS</b>	<b>5900</b>	<b>Independent Study in Critical Studies in Educational Foundations</b>	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	<b>EDCS</b>	<b>6010</b>	<b>Education &amp; Cultural Diversity</b>	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	<b>EDCS</b>	<b>6011</b>	<b>Cultural Pedagogy for Historically Marginalized Peoples</b>	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	<b>EDCS</b>	<b>6900</b>	<b>Special Topics in Critical Studies in Educational Foundations</b>	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	<b>EDCS</b>	<b>6920</b>	<b>Practicum in Critical Studies in Educational Foundations</b>	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	<b>EDCS</b>	<b>6940</b>	<b>Research in Critical Studies in Educational Foundations</b>	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	<b>EDCS</b>	<b>6941</b>	<b>Master's Research Project in Critical Studies in Educational Foundations</b>	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	<b>EDCS</b>	<b>6950</b>	<b>Masters Thesis in Critical Studies in Educational Foundations</b>	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.								

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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	<b>EDCS</b>	<b>7000</b>	<b>Alternative Approaches to Educational Theory and Pedagogy</b>	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.								
EHS	EDST	<b>EDCS</b>	<b>7010</b>	<b>The Social and Cultural Contexts of Leadership</b>	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	<b>EDCS</b>	<b>7020</b>	<b>The Moral and Ethical Dimensions of Leadership</b>	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	<b>EDCS</b>	<b>8010</b>	<b>Critical Cultural Theories &amp; Pedagogies for Empowering Education</b>	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	<b>EDCS</b>	<b>8900</b>	<b>Special Topics in Critical Studies in Educational Foundations</b>	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 related to the field of critical studies in educational foundations in depth and focused beyond what may be covered within the current curriculum. May be delivered in differing formats, including but not limited to, regular classroom instruction, community-based education or workshops.								
EHS	EDST	<b>EDCS</b>	<b>8920</b>	<b>Practicum in Critical Studies in Educational Foundations</b>	Practicum	1 to 9	100		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	<b>EDCS</b>	<b>8940</b>	<b>Research in Critical Studies in Educational Foundations</b>	Research	1 to 9	100		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.								

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EHS	EDST	<b>EDCS</b>	<b>8950</b>	<b>Dissertation in Critical Studies in Educational Foundations</b>	Thesis	1 to 12	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required 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.								
EHS	EDST	<b>EDCT</b>	<b>2030</b>	<b>Technological Applications in Education</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Required course for all teachers seeking Ohio licensure. Acquaints candidates with technology applications commonly found in educational settings. Using TPCK theoretical framework (Technological Pedagogical Content Knowledge) encompasses effectively identifying, locating, evaluating, designing, preparing and efficiently using educational technology as instructional resources in the classroom as related to the principles of teaching and learning. Develops increased classroom communication abilities through lectures, discussions, modeling, computer lab experiences and completion of a comprehensive portfolio project. Utilizes variety of open source technologies to develop and enhance classroom instruction including hardware and software to develop skills in word processing, using spreadsheets, use of the Web, evaluating educational software and evaluating web pages, use multimedia and create a Web page. Utilizes low, medium and high technology to enhance classroom instruction, communication and classroom management. Designed to meet the requirements of the International Society for Technology in Education NETS Standards for Teachers ( <a href="http://www.iste.org/Content/NavigationMenu/NETS/ForTeachers/2008Standards/NETS_for_Teachers_2008.htm">http://www.iste.org/Content/NavigationMenu/NETS/ForTeachers/2008Standards/NETS_for_Teachers_2008.htm</a> ) and the National Council for the Accreditation of Teacher Education (NCATE) technology requirements.								
EHS	EDST	<b>EDCT</b>	<b>2900</b>	<b>Special Topics in Education - Computer Technology</b>	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.								
EHS	EDST	<b>EDCT</b>	<b>5011</b>	<b>Technological Applications in Education - Open Source Tools for Education</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Teacher Education majors only. Undergraduate degree with teaching license/certification if seeking an endorsement for teaching license. CR, PR								
		COURSE DESC:		Acquaints students with applications commonly found in educational settings. Students use application software, hypermedia, e-mail, and the Internet. Emphasis on integrating technology across the curriculum and the use of Web 2.0 tools and applications. Students design technology-enriched lessons for use in K-12 and higher education settings. ISTE Standards for Teachers and Technology Facilitators are the framework for this course.								
EHS	EDST	<b>EDCT</b>	<b>5012</b>	<b>Computer Education and Technology- Technology in Education: Open Source Content</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Acquaints students with open source and cloud computing commonly found in educational settings. Uses open source software, multimedia, collaborative tools, and the Web 3.0 technology. Emphasis on integrating technology within the curriculum using the TPACK model and the International Society for Technology in Education Facilitator Standards.								
EHS	EDST	<b>EDCT</b>	<b>5900</b>	<b>Special Topics in Education - Computer Technology</b>	Lecture	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.								
EHS	EDST	<b>EDCT</b>	<b>5901</b>	<b>Computer Education and Technology Workshop in Productivity Tools</b>	Lecture	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Workshop format. Special topic productivity tools in computer education and technology.								
EHS	EDST	<b>EDCT</b>	<b>5902</b>	<b>Computer Education and Technology Workshop in Information Tools</b>	Lecture	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Workshop format. Special topics in computer education and technology program in information tools.								
EHS	EDST	<b>EDCT</b>	<b>5903</b>	<b>Computer Education and Technology Workshop in Network Tools</b>	Lecture	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Workshop format. Special topics in network tools in computer education and technology.								

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EHS	EDST	<b>EDCT</b>	<b>5904</b>	<b>Computer Education and Technology Workshop in Programming Concepts</b> GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Workshop format. Special topics in programming concepts in computer education and technology.	Lecture	1 to 3	6		N	G50		0
EHS	EDST	<b>EDCT</b>	<b>5905</b>	<b>Computer Education and Technology Workshop in Curriculum Development</b> GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Workshop format. Special topics in curriculum development in computer education and technology.	Lecture	1 to 3	6		N	G50		0
EHS	EDST	<b>EDCT</b>	<b>5906</b>	<b>Computer Education and Technology Workshop in the Science Curriculum and Technology</b> GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Workshop format. Special topics for the development of science curriculum and technology integration.	Lecture	1 to 3	6		N	G50		0
EHS	EDST	<b>EDCT</b>	<b>5907</b>	<b>CET Workshop: Distance Learning</b> GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Workshop format. Special topics in distance learning in computer education and technology program.	Lecture	1 to 3	6		N	G50		0
EHS	EDST	<b>EDCT</b>	<b>5908</b>	<b>Computer Education and Technology Workshop in the Math Curriculum and Technology</b> 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.	Lecture	1 to 3	6		N	G50		0
EHS	EDST	<b>EDCT</b>	<b>6002</b>	<b>Visual Literacy for Mediated Instruction</b> 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.	Lecture	4	0		N	G50		0
EHS	EDST	<b>EDCT</b>	<b>6011</b>	<b>Instructional Design</b> 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.	Lecture	4	0		N	G50		0
EHS	EDST	<b>EDCT</b>	<b>6012</b>	<b>Teaching and Learning Online</b> 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.	Lecture	4	0		N	G50		0
EHS	EDST	<b>EDCT</b>	<b>6030</b>	<b>Principles of Instructional Design</b> 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.	Lecture	4	0		N	G50		0

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EHS	EDST	<b>EDCT</b>	<b>6031</b>	<b>Advanced Topics in Instructional Design</b>	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.								
EHS	EDST	<b>EDCT</b>	<b>6032</b>	<b>Adult Learning in Online Environments</b>	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	<b>EDCT</b>	<b>6042</b>	<b>Leadership and Professional Development in Technology</b>	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	<b>EDCT</b>	<b>6051</b>	<b>Multimedia Tools in Education</b>	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	<b>EDCT</b>	<b>6052</b>	<b>Assessment and Evaluation in Technology-Rich Classrooms</b>	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	<b>EDCT</b>	<b>6122</b>	<b>Masters Portfolio in Computer Education and Technology</b>	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	<b>EDCT</b>	<b>6900</b>	<b>Special Topics in Education - Computer Technology</b>	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.								

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EHS	EDST	<b>EDCT</b>	<b>6901</b>	<b>Workshop in Computer Education: Special Topics</b>	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.								
EHS	EDST	<b>EDCT</b>	<b>6910</b>	<b>Computer Education and Technology Clinical Practice: Theory into Practice</b>	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	<b>EDCT</b>	<b>6913</b>	<b>Master's Research Project</b>	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	<b>EDCT</b>	<b>6940</b>	<b>Research in Education</b>	Research	1 to 5	15		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Individualized research project.								
EHS	EDST	<b>EDCT</b>	<b>6950</b>	<b>Thesis</b>	Thesis	1 to 15	15		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Completing empirical research leading to a thesis to be defended with a master's review committee.								
EHS	EDST	<b>EDCT</b>	<b>7011</b>	<b>Philosophy of Instructional Technology</b>	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	<b>EDCT</b>	<b>7012</b>	<b>Advanced Instructional Design</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDCT 6011 CR, PR								
		COURSE DESC:		Provides advanced content in instructional design.								
EHS	EDST	<b>EDCT</b>	<b>7021</b>	<b>Online Course Development</b>	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	<b>EDCT</b>	<b>7022</b>	<b>Issues and Trends in Instructional Technology</b>	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	<b>EDCT</b>	<b>7031</b>	<b>Theory and Practice in Adult Learning</b>	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	<b>EDCT</b>	<b>7032</b>	<b>Research Literature in Instructional Technology</b>	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.								



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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	<b>EDCT</b>	<b>7041</b>	<b>Professional Development and Workplace Consultation</b>	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.								
EHS	EDST	<b>EDCT</b>	<b>7042</b>	<b>Emerging Technologies for Learning</b>	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	<b>EDCT</b>	<b>7900</b>	<b>Advanced Seminar in Instructional Technology</b>	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	<b>EDCT</b>	<b>7933</b>	<b>Advanced Seminar in Instructional Technology - Adult Education and Instructional Technology</b>	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	<b>EDCT</b>	<b>7935</b>	<b>Advanced Seminar in Instructional Technology - Curriculum Development</b>	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	<b>EDCT</b>	<b>7960</b>	<b>Advanced Seminar Instructional Technology - Distance Education</b>	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	<b>EDCT</b>	<b>7961</b>	<b>Advanced Seminar in Instructional Technology - New and Emerging Technologies</b>	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	<b>EDCT</b>	<b>7962</b>	<b>Advanced Seminar in Instructional Technology - Cognition and Pedagogy</b>	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	<b>EDCT</b>	<b>7964</b>	<b>Advanced Seminar in Instructional Technology - Philosophy of Instructional Technology</b>	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	<b>EDCT</b>	<b>8900</b>	<b>Special Topics in Education - Computer Technology</b>	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.								

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EHS	EDST	<b>EDCT</b>	<b>8920</b>	<b>Practicum in Instructional Technology</b>	Practicum	1 to 6	12		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Provides students with a practical educational experience in the field of instructional technology. Practicum experience designed by students with advisor approval.								
EHS	EDST	<b>EDCT</b>	<b>8930</b>	<b>Research in Education</b>	Ind Study	1 to 15	30		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F								
		COURSE DESC:		Designed for students interested in exploring specific areas of research interest relating to instructional technology. Guided readings/ research, tailored to meet the needs and interests of individual students, in selected topics in instructional technology. Topics/research include contemporary issues relating to the field of instructional technology								
EHS	EDST	<b>EDCT</b>	<b>8950</b>	<b>Dissertation</b>	Thesis	1 to 15	30		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F								
		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	<b>EDLE</b>	<b>2520</b>	<b>Administration of Education in Non-Western Cultures</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Study of educational administration in non-western cultures. The course focuses on introducing students to non-western cultures with a particular focus on Africa, Asia and Latin America. It seeks to provide the starting point for the development of a more open and diverse view of the development of various approaches to educational thought and practice. The content and activities will help students appreciate the fact that other societies as a consequence of different socio-cultural context possess "ways of knowing" although different, may be every bit as valuable and worthwhile as those to which students are accustomed.								
EHS	EDST	<b>EDLE</b>	<b>2900</b>	<b>Special Topics in Education - Administration</b>	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	EDST	<b>EDLE</b>	<b>4200</b>	<b>Comparative Cultures and Education</b>	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	<b>EDLE</b>	<b>4900</b>	<b>Special Topics in Education -Administration</b>	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	EDST	<b>EDLE</b>	<b>5900</b>	<b>Special Topics in Education - Administration</b>	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	<b>EDLE</b>	<b>5910</b>	<b>Educational Administration Internship I</b>	Internship	1 to 6	6		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Field-oriented internship experience in educational administration (principalship).								
EHS	EDST	<b>EDLE</b>	<b>5911</b>	<b>Educational Administration Internship II</b>	Internship	1 to 6	6		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Field-oriented internship experience in educational administration (principalship).								
EHS	EDST	<b>EDLE</b>	<b>6000</b>	<b>Foundational Awareness of Education Public Policy Issues</b>	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		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.								

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EHS	EDST	<b>EDLE</b>	<b>6001</b>	<b>Issues, Institutions and Stakeholders in Education Public Policy</b>	Lecture	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to the K - 12 Education Public Policy Certificate Leadership Program CR, PR								
		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.								
EHS	EDST	<b>EDLE</b>	<b>6002</b>	<b>Education Public Policy Implementation and Evaluation</b>	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	<b>EDLE</b>	<b>6003</b>	<b>Legal Issues in Education</b>	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	<b>EDLE</b>	<b>6004</b>	<b>Policy Perspectives in Education</b>	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	<b>EDLE</b>	<b>6010</b>	<b>Introduction to Leadership and Organizational Behavior</b>	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	<b>EDLE</b>	<b>6020</b>	<b>Structure and Behavior in Educational Organizations</b>	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	<b>EDLE</b>	<b>6021</b>	<b>The School and Community</b>	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	<b>EDLE</b>	<b>6040</b>	<b>Technology for School Leadership</b>	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	<b>EDLE</b>	<b>6110</b>	<b>Educational Law for School Leaders</b>	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.								

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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	<b>EDLE</b>	<b>6111</b>	<b>Legal Issues for Teachers</b>	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	<b>EDLE</b>	<b>6210</b>	<b>Educational Finance for School Leadership</b>	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.								
EHS	EDST	<b>EDLE</b>	<b>6310</b>	<b>Personnel Administration in Education</b>	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	<b>EDLE</b>	<b>6400</b>	<b>The Principalship</b>	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	<b>EDLE</b>	<b>6421</b>	<b>Instructional Leadership for Teacher Leaders</b>	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	<b>EDLE</b>	<b>6425</b>	<b>The Role of the Principal in Instruction</b>	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	<b>EDLE</b>	<b>6430</b>	<b>Standards-Based Assessment for School Leaders</b>	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	<b>EDLE</b>	<b>6431</b>	<b>Data Applications for Teacher Leaders</b>	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	<b>EDLE</b>	<b>6610</b>	<b>School-Community Relations</b>	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	<b>EDLE</b>	<b>6810</b>	<b>Managing the School District</b>	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	<b>EDLE</b>	<b>6820</b>	<b>Planning for District Improvement</b>	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.								

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EHS	EDST	<b>EDLE</b>	<b>6830</b>	<b>Human Relations at the District Level</b>	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	<b>EDLE</b>	<b>6900</b>	<b>Special Topics in Education - Administration</b>	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	<b>EDLE</b>	<b>6915</b>	<b>Educational Administration Internship I (Superintendency)</b>	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	<b>EDLE</b>	<b>6916</b>	<b>Educational Administration Internship II (Superintendency)</b>	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	<b>EDLE</b>	<b>6920</b>	<b>Education Public Policy Practicum and Residency</b>	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	<b>EDLE</b>	<b>6941</b>	<b>Final Masters Project for Teacher Leaders</b>	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	<b>EDLE</b>	<b>6942</b>	<b>Research in Educational Administration</b>	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	<b>EDLE</b>	<b>6950</b>	<b>Thesis</b>	Thesis	1 to 6	18		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		CR, PR										
		COURSE DESC:		Masters thesis.								
EHS	EDST	<b>EDLE</b>	<b>6980</b>	<b>Educational Administration Portfolio I: Data Gathering</b>	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	<b>EDLE</b>	<b>7020</b>	<b>State and National Administration of Education</b>	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	<b>EDLE</b>	<b>7030</b>	<b>Advanced Seminar in Policy Initiatives and Networks in Education</b>	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.								

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EHS	EDST	<b>EDLE</b>	<b>7071</b>	<b>Comparative Cultures and Education</b>	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.								
EHS	EDST	<b>EDLE</b>	<b>7072</b>	<b>Education &amp; Development in Developing Countries</b>	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	<b>EDLE</b>	<b>7073</b>	<b>Perspectives in International/Global Education</b>	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	<b>EDLE</b>	<b>7300</b>	<b>Advanced Seminar in Leadership</b>	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	<b>EDLE</b>	<b>7310</b>	<b>Conflict Management in Educational Administration</b>	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	<b>EDLE</b>	<b>7420</b>	<b>Planning Educational Facilities</b>	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	<b>EDLE</b>	<b>7510</b>	<b>Business Administration in Education</b>	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	<b>EDLE</b>	<b>7521</b>	<b>Critical Analysis of School Effectiveness Models and Methods</b>	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	<b>EDLE</b>	<b>7522</b>	<b>Education and Development</b>	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.								

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COURSE LISTING  
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EHS	EDST	<b>EDLE</b>	<b>7523</b>	<b>Issues and Institutions in Global Education and Development</b>	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.								
EHS	EDST	<b>EDLE</b>	<b>7524</b>	<b>Global and Trancultural Understandings</b>	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	<b>EDLE</b>	<b>7525</b>	<b>Advanced Comparative Education: Methods and Theories</b>	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	<b>EDLE</b>	<b>7710</b>	<b>Community Education</b>	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	<b>EDLE</b>	<b>7820</b>	<b>Politics/Policy in Education</b>	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	<b>EDLE</b>	<b>7840</b>	<b>Educational Planning and Evaluation</b>	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	<b>EDLE</b>	<b>7900</b>	<b>Special Topics in Educational Administration</b>	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	<b>EDLE</b>	<b>7910</b>	<b>Leadership Project--Problem Identification</b>	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	<b>EDLE</b>	<b>7911</b>	<b>Leadership Project--Implementation</b>	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	<b>EDLE</b>	<b>7912</b>	<b>Leadership Project-- Analysis and Evaluation</b>	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.								

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EHS	EDST	<b>EDLE</b>	<b>7915</b>	<b>Advanced Seminar in Educational Leadership I</b>	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	<b>EDLE</b>	<b>7916</b>	<b>Advanced Seminar in Educational Leadership II</b>	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.								
EHS	EDST	<b>EDLE</b>	<b>8110</b>	<b>Legal Aspects of Educational Administration</b>	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	<b>EDLE</b>	<b>8240</b>	<b>Seminar in Educational Finance</b>	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	<b>EDLE</b>	<b>8440</b>	<b>Seminar in Educational Facilities</b>	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	<b>EDLE</b>	<b>8540</b>	<b>Seminar in Business Administration in Education</b>	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	<b>EDLE</b>	<b>8640</b>	<b>Seminar in Public Relations</b>	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	<b>EDLE</b>	<b>8800</b>	<b>Rural Schools and Communities</b>	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	<b>EDLE</b>	<b>8810</b>	<b>Organization in Educational Systems</b>	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	<b>EDLE</b>	<b>8820</b>	<b>Politics/Policy in Education</b>	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	<b>EDLE</b>	<b>8900</b>	<b>Special Topics in Education - Administration</b>	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	<b>EDLE</b>	<b>8901</b>	<b>Research in Educational Administration</b>	Tutorial	1 to 6	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Research seminar; content varies.								



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EHS	EDST	<b>EDLE</b>	<b>8950</b>	<b>Dissertation</b>	Thesis	1 to 6	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Doctoral dissertation.								
EHS	EDST	<b>EDRE</b>	<b>2900</b>	<b>Special Topics in Education - Research &amp; Evaluation</b>	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	EDST	<b>EDRE</b>	<b>5010</b>	<b>Introduction to Educational Research Methods</b>	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	<b>EDRE</b>	<b>5900</b>	<b>Special Topics in Education - Research &amp; Evaluation</b>	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	<b>EDRE</b>	<b>6900</b>	<b>Special Topics in Education - Research &amp; Evaluation</b>	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	<b>EDRE</b>	<b>6920</b>	<b>Special Projects in Educational Research and Evaluation</b>	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	<b>EDRE</b>	<b>6930</b>	<b>Readings in Educational Research and Evaluation</b>	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	<b>EDRE</b>	<b>6940</b>	<b>Research in Educational Research and Evaluation</b>	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	<b>EDRE</b>	<b>6950</b>	<b>Thesis</b>	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	<b>EDRE</b>	<b>7110</b>	<b>Theory and Techniques of Test Development</b>	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.								

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EHS	EDST	<b>EDRE</b>	<b>7120</b>	<b>Item Response Theory and Modern Educational Measurement</b>	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	<b>EDRE</b>	<b>7200</b>	<b>Educational Statistics</b>	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.								
EHS	EDST	<b>EDRE</b>	<b>7210</b>	<b>Regression Analysis in Education</b>	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	<b>EDRE</b>	<b>7230</b>	<b>Questionnaires and Scale Development in Education</b>	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	<b>EDRE</b>	<b>7330</b>	<b>Research Design in Education</b>	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	<b>EDRE</b>	<b>7500</b>	<b>Introduction to Qualitative Research Methodology in Education</b>	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	<b>EDRE</b>	<b>7510</b>	<b>Qualitative Interviewing Methods in Education</b>	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	<b>EDRE</b>	<b>7520</b>	<b>Ethnographic Methods in Education</b>	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	<b>EDRE</b>	<b>7530</b>	<b>Qualitative Data Analysis History, Theory and Implementation</b>	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.								

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EHS	EDST	<b>EDRE</b>	<b>7600</b>	<b>Multivariate Statistical Methods in Education</b>	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	<b>EDRE</b>	<b>7610</b>	<b>Computer Science Applications in Educational Research</b>	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	<b>EDRE</b>	<b>7620</b>	<b>Computer Applications in Educational Research</b>	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.								
EHS	EDST	<b>EDRE</b>	<b>7700</b>	<b>Introduction to Mixed Methods Research in Education</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EDRE 7200 and 7500								
		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	<b>EDRE</b>	<b>7710</b>	<b>Advanced Mixed Methods Research</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: EDRE 7700								
		COURSE DESC:		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	<b>EDRE</b>	<b>7800</b>	<b>Program Evaluation in Education</b>	Lecture	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: EDRE 7200 and 7500 CR, PR								
		COURSE DESC:		Enhances understanding of theories related to and systems and techniques employed in program evaluation in educational enterprises of all types and levels, and helps students gain some competence in application of those theories, systems, and techniques.								
EHS	EDST	<b>EDRE</b>	<b>7910</b>	<b>Advanced Special Projects in Educational Research and Evaluation</b>	Internship	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Individual research, fieldwork, or internship in educational research, statistics, measurements, and evaluation. May be critical evaluation or practical application of research methodology.								
EHS	EDST	<b>EDRE</b>	<b>7930</b>	<b>Advanced Readings in Educational Research and Evaluation</b>	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 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	<b>EDRE</b>	<b>7940</b>	<b>Advanced Research in Educational Research and Evaluation</b>	Research	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Advanced seminar for research in selected topics in educational research and evaluation, including current trends, issues, and techniques. The projects will involve study of the scholarly application of research methods, analysis, theory, and professional practice. Student chooses area of study in educational research, measurement, statistics, or evaluation and writes a scholarly paper intended for presentation or publication.								
EHS	EDST	<b>EDRE</b>	<b>8900</b>	<b>Special Topics in Education - Research &amp; Evaluation</b>	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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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
EHS	EDST	<b>EDRE</b>	<b>8950</b>	<b>Dissertation</b>	Thesis	1 to 15	999		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		Completion of dissertation.								

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EHS	EHS	<b>PCOE</b>	<b>2301C</b>	<b>Building Leadership in Adolescent Girls through Mentorship</b>	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	<b>PCOE</b>	<b>4900H</b>	<b>Honors Seminar</b>	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	<b>PCOE</b>	<b>4920H</b>	<b>Honors Practicum</b>	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	<b>PCOE</b>	<b>4930H</b>	<b>Readings in Honors Work</b>	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	<b>PCOE</b>	<b>4950H</b>	<b>Honors Thesis in HCS</b>	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	<b>PCOE</b>	<b>5900</b>	<b>Patton College of Education Workshop</b>	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	<b>PCOE</b>	<b>5901</b>	<b>TEACHER QUALITY MATTERS: OHIO'S SEVEN STANDARDS FOR TEACHING</b>	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	<b>PCOE</b>	<b>5902</b>	<b>Mentoring Quality Matters: Supporting Ohio's Continuum of Teacher Development</b>	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	<b>PCOE</b>	<b>5903</b>	<b>Mentor Quality Matters: Mentoring Teacher Candidates</b>	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.								

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EHS	EHS	<b>PCOE</b>	<b>5904</b>	<b>Teacher Quality Matters: Co-Teaching in P-12 Schools</b>	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	<b>PCOE</b>	<b>5905</b>	<b>Mentor Quality Matters: Internship and Resident Educator Experiences</b>	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	<b>PCOE</b>	<b>5906</b>	<b>TQM: PROFESSIONALISM AND TEACHER LEADERSHIP</b>	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	<b>PCOE</b>	<b>5907</b>	<b>Trauma Informed Practice for Mentor Teachers in P-12 Settings</b>	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	<b>PCOE</b>	<b>5908</b>	<b>Evidence-Based Practices in Teaching</b>	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	<b>PCOE</b>	<b>5915</b>	<b>Student Development and Learning &amp; Curriculum Development</b>	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	<b>PCOE</b>	<b>5916</b>	<b>Teaching Methodology</b>	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.								

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EHS	EHS	<b>PCOE</b>	<b>5917</b>	<b>Classroom Management and Student Assessment</b>	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	<b>PCOE</b>	<b>5918</b>	<b>Reading: Foundations, Instruction, Diagnosis and Intervention, &amp; Reading in the Content Areas</b>	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	<b>RFM</b>	<b>4900</b>	<b>Special Topics in Retail Fashion Merchandising</b>	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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EHS	HCSE	<b>CONS</b>	<b>1100</b>	<b>Community and Workforce Opportunities in Human and Consumer Sciences</b>	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	HCSE	<b>CONS</b>	<b>2500</b>	<b>Families as Consumers in Global Communities</b>	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	HCSE	<b>CONS</b>	<b>2900</b>	<b>Special Topics in Human and Consumer Sciences General</b>	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	HCSE	<b>CONS</b>	<b>3100</b>	<b>Human Resources for Customer Service Leadership Professionals</b>	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	HCSE	<b>CONS</b>	<b>3250</b>	<b>Principles of Customer Service</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		A survey course which highlights the importance of effective customer service in today's society. This course introduces characteristics of customer service in a variety of settings using diverse communication mediums. Ethics, situations and behaviors, financial implications, assessment and evaluation, and trends are introduced.								
EHS	HCSE	<b>CONS</b>	<b>3400</b>	<b>Teaching of Family and Consumer Sciences</b>	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	HCSE	<b>CONS</b>	<b>3450J</b>	<b>Writing in Human and Consumer Sciences</b>	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	HCSE	<b>CONS</b>	<b>3890</b>	<b>Career Development for Service Professionals</b>	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.								
EHS	HCSE	<b>CONS</b>	<b>3950</b>	<b>Consumer Resource and Financial Management</b>	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	HCSE	<b>CONS</b>	<b>4500</b>	<b>Problems in Teaching Family and Consumer Sciences</b>	Lecture	1 to 6	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR Creative and conceptual approaches for exploring effective teaching of family and consumer sciences.								
EHS	HCSE	<b>CONS</b>	<b>4900</b>	<b>Special Topics in Human and Consumer Sciences General</b>	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	HCSE	<b>CONS</b>	<b>4910</b>	<b>Field Work in Consumer Sciences: Career Technical Education</b>	Internship	3 to 12	12	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR, PR Field work in Career Technical education; students arrange placement.								



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EHS	HCSE	<b>CONS</b>	<b>4915</b>	<b>Internship: Customer Service Leadership</b>	Internship	3 to 12	12	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: CONS 2500 and 3890 and (4953 or 3250) PR								
		COURSE DESC:		On-the-job experience through cooperation with industry in professional customer service environments. Emphasis on development of leadership skills and application of course work leading to professional development.								
EHS	HCSE	<b>CONS</b>	<b>4916</b>	<b>Internship: Food Service</b>	Internship	1 to 12	12	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		On-the-job experience in management and supervision of food service operations. Students are expected to draw upon course content knowledge and previous experiential learning to develop leadership skills and demonstrate advanced application of food service operations.								
EHS	HCSE	<b>CONS</b>	<b>4917</b>	<b>Internship: Retailing</b>	Internship	1 to 12	12	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		On-the-job experience in management and supervision of retail operations. Students are expected to draw upon course content knowledge and previous experiential learning to develop leadership skills and demonstrate advanced application of retail operations.								
EHS	HCSE	<b>CONS</b>	<b>4930</b>	<b>Independent Study - Family and Consumer Sciences</b>	Ind Study	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR								
		COURSE DESC:		Independent study with faculty member who approves student's plan. Student investigates topic of interest through research, special project, or other agreed-upon method.								
EHS	HCSE	<b>CONS</b>	<b>4935</b>	<b>Independent Study - Customer Service Leadership</b>	Ind Study	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR								
		COURSE DESC:		Independent study with faculty member who approves student's plan. Student investigates topic of interest through research, special project, or other agreed-upon method.								
EHS	HCSE	<b>CONS</b>	<b>4952</b>	<b>Workshop in Family and Consumer Sciences Education</b>	Lecture	1 to 6	999		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		An opportunity to explore skills and knowledge through extended and experiential activities related to Family and Consumer Sciences.								
EHS	HCSE	<b>CONS</b>	<b>4953</b>	<b>Workshop in Customer Experience Trends</b>	Lecture	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Content varies.								
EHS	HCSE	<b>CONS</b>	<b>4954</b>	<b>Resource and Financial Management</b>	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	HCSE	<b>CONS</b>	<b>4955</b>	<b>Workshop in Family and Consumer Sciences - Family Life Education</b>	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	HCSE	<b>CONS</b>	<b>4961</b>	<b>Seminar in Family and Consumer Sciences Education</b>	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	HCSE	<b>CONS</b>	<b>4965</b>	<b>Human and Consumer Sciences Seminar in International Service</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>CONS</b>	<b>4966</b>	<b>Seminar or Short Course in Human and Consumer Sciences - Research</b>	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	HCSE	<b>CONS</b>	<b>5900</b>	<b>Special Topics in Human and Consumer Sciences Education General</b>	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	<b>CONS</b>	<b>5952</b>	<b>Workshop in Family and Consumer Sciences Education</b>	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	HCSE	<b>CONS</b>	<b>5953</b>	<b>Workshop in Customer Experience Trends</b>	Lecture	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Content varies.								
EHS	HCSE	<b>CONS</b>	<b>5954</b>	<b>Resource and Financial Management</b>	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	HCSE	<b>CONS</b>	<b>5955</b>	<b>Workshop in Family and Consumer Sciences - Family Life Education</b>	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	HCSE	<b>CONS</b>	<b>5961</b>	<b>Seminar in Family and Consumer Sciences Education</b>	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								
EHS	HCSE	<b>CONS</b>	<b>5965</b>	<b>Human and Consumer Sciences Seminar in International Service</b>	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	HCSE	<b>CONS</b>	<b>5966</b>	<b>Seminar or Short Course in Human and Consumer Sciences - Research</b>	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	HCSE	<b>CONS</b>	<b>6000</b>	<b>Seminar in Human and Consumer Sciences</b>	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	HCSE	<b>CONS</b>	<b>6500</b>	<b>Consumption Theories</b>	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.								

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EHS	HCSE	<b>CONS</b>	<b>6900</b>	<b>Special Topics in Human and Consumer Sciences Education General</b>	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	<b>CONS</b>	<b>6940</b>	<b>Research</b>	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	HCSE	<b>CONS</b>	<b>6950</b>	<b>Thesis</b>	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	HCSE	<b>RFM</b>	<b>1010</b>	<b>Introduction to Retailing</b>	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	HCSE	<b>RFM</b>	<b>1100</b>	<b>Fashion and Culture</b>	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	HCSE	<b>RFM</b>	<b>1500</b>	<b>Design and Illustration Techniques</b>	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	HCSE	<b>RFM</b>	<b>1500</b>	<b>Design and Illustration Techniques</b>	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	HCSE	<b>RFM</b>	<b>1600</b>	<b>Color Theory for Visual Merchandising</b>	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	HCSE	<b>RFM</b>	<b>1600</b>	<b>Color Theory for Visual Merchandising</b>	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.								
EHS	HCSE	<b>RFM</b>	<b>2040</b>	<b>Digital Means of Fashion Communication</b>	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: RFM major								
		COURSE DESC:		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	HCSE	<b>RFM</b>	<b>2040</b>	<b>Digital Means of Fashion Communication</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: RFM major								
		COURSE DESC:		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	HCSE	<b>RFM</b>	<b>2100</b>	<b>Evolution of Clothing and Fashion Trends</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	HCSE	<b>RFM</b>	<b>2150</b>	<b>Elementary Textiles</b>	Laboratory	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Tier I Math and (Soph or Jr or Sr)								
		COURSE DESC:		This course covers the properties and processing of fibers, yarns, fabrics, dyeing/printing techniques, and finishes with emphasis on consumer use and care.								

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EHS	HCSE	<b>RFM</b>	<b>2150</b>	<b>Elementary Textiles</b>	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Tier I Math and (Soph or Jr or Sr)						
		COURSE DESC:		This course covers the properties and processing of fibers, yarns, fabrics, dyeing/printing techniques, and finishes with emphasis on consumer use and care.								
EHS	HCSE	<b>RFM</b>	<b>2600</b>	<b>Foundations of Aesthetics in Retail and Fashion Merchandizing</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	HCSE	<b>RFM</b>	<b>2890</b>	<b>Professional Career Search Strategies</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	RFM 1010						
		COURSE DESC:		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	HCSE	<b>RFM</b>	<b>2910</b>	<b>Work Experience in Retail and Fashion Merchandising</b>	Internship	1	3	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	RFM major and RFM 1010						
		COURSE DESC:		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	HCSE	<b>RFM</b>	<b>3230</b>	<b>Retail Merchandising- Promotional Strategy</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	RFM 1010 and 2600						
		COURSE DESC:		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	HCSE	<b>RFM</b>	<b>3300</b>	<b>Fashion Buying and Assortment Planning</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	RFM 1010 and (MIS 2011 or QBA 1720 or 1721) and (ACCT 1005 or 1010)						
		COURSE DESC:		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	HCSE	<b>RFM</b>	<b>3400</b>	<b>Retail Study Tour</b>	Seminar	1 to 3	999	BLD	I	U30		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	<b>RFM</b>	<b>3830</b>	<b>Product Development, Evaluation, and Distribution</b>	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	RFM 1010 and 2150						
		COURSE DESC:		This course covers the apparel product development process with emphasis on business, creative, technical and production planning of an apparel product line.								
EHS	HCSE	<b>RFM</b>	<b>4070</b>	<b>Global Issues in Textile, Apparel, and Retail Industries</b>	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	HCSE	<b>RFM</b>	<b>4070A</b>	<b>Honors Experience: Global Issues in Textile, Apparel, and Retail Industries</b>	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:		NC	OHIO Honors curricular experience in Global Issues in Textile, Apparel, and Retail Industries.							
EHS	HCSE	<b>RFM</b>	<b>4800</b>	<b>Strategic Retail Policy</b>	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.								

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EHS	HCSE	<b>RFM</b>	<b>4910</b>	<b>Internship: Retail and Fashion Merchandising</b>	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	HCSE	<b>RFM</b>	<b>4930</b>	<b>Independent Study - Retail Merchandising and Fashion Product Development</b>	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	HCSE	<b>RFM</b>	<b>5070</b>	<b>Global Issues in Textile, Apparel, and Retail Industries</b>	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	HCSE	<b>RFM</b>	<b>6170</b>	<b>Readings in Apparel, Textiles and Merchandising</b>	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	HCSE	<b>RFPD</b>	<b>2900</b>	<b>Special Topics in Retail Merchandising and Fashion Product Development</b>	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	<b>RFPD</b>	<b>3930</b>	<b>Studies in Clothing and Textiles</b>	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	<b>RFPD</b>	<b>4150</b>	<b>Flat Pattern</b>	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	<b>RFPD</b>	<b>4160</b>	<b>Draping</b>	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	<b>RFPD</b>	<b>4540</b>	<b>Clothing for Persons with Special Needs</b>	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	<b>RFPD</b>	<b>5150</b>	<b>Flat Pattern</b>	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	<b>RFPD</b>	<b>5400</b>	<b>Retail Study Tour</b>	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	<b>RFPD</b>	<b>5540</b>	<b>Clothing for Persons with Special Needs</b>	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.								

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EHS	HCSE	RFPD	5900	<b>Special Topics in Retail Merchandising and Fashion Product Development</b> GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Specific course content will vary with offering.	Lecture	1 to 15	999		N	G40		0
EHS	HCSE	RFPD	5940	<b>Studies in Textile Testing</b> GEC1: A-F REQUISITE: COURSE DESC: Individual research and lab testing of problems in advanced textiles.	Research	3	0		N	G40		0
EHS	HCSE	RFPD	6050	<b>History of Costume</b> GEC1: A-F REQUISITE: COURSE DESC: Clothing through the ages as reflection of historical period and source for present-day design.	Lecture	3	0		N	G40		0
EHS	HCSE	RFPD	6060	<b>History of Textiles</b> GEC1: A-F REQUISITE: COURSE DESC: Course description not available.	Lecture	1	0		N	G40		0
EHS	HCSE	RFPD	6090	<b>Psychological, Social, and Economic Aspects of Clothing</b> 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.	Lecture	3	0		N	G40		0
EHS	HCSE	RFPD	6500	<b>Theories in Merchandising and Consumer Sciences</b> GEC1: A-F REQUISITE: COURSE DESC: 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.	Lecture	3	0		N	G40		0
EHS	HCSE	RFPD	6900	<b>Special Topics in Retail Merchandising and Fashion Product Development</b> GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Specific course content will vary with offering.	Lecture	1 to 15	999		N	G40		0
EHS	HCSE	RHT	1050	<b>Introduction to Food Operations Management</b> GEC1: A-F REQUISITE: Permission required COURSE DESC: Overview of basic management concepts as they relate to the successful operation of a food service.	Lecture	1	0		I	U10		0
EHS	HCSE	RHT	1100	<b>Introduction to Hospitality</b> 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.	Lecture	3	0		N	U30		0
EHS	HCSE	RHT	1200	<b>Food and Culture</b> 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.	Lecture	3	0	2CP; FIE	N	U30		0
EHS	HCSE	RHT	1330	<b>Food Sanitation and Safety</b> GEC1: A-F REQUISITE: COURSE DESC: Applied food service sanitation procedures in the food handling functions of purchasing, storage, preparation, and service. Hazard Analysis Critical Control Points (HACCP) covered. Upon completion, students eligible for national and Ohio certification in Food Safety.	Lecture	1	0		N	U30		0
EHS	HCSE	RHT	2420	<b>Accounting Principles for Hospitality Operations</b> GEC1: A-F REQUISITE: MATH 1200 or higher or Math Placement Level 1 or higher COURSE DESC: Examination and application of managerial and financial accounting principles for the hospitality operations.	Lecture	3	0		N	U30		0
EHS	HCSE	RHT	2900	<b>Special Topics in Restaurant, Hotel and Tourism</b> GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.	Lecture	1 to 15	999		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
EHS	HCSE	RHT	2990	<b>Introductory Food Preparation</b>	Laboratory	4	0		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required and C or better in RHT 1330								
		COURSE DESC:		CR Introduction to Food Preparation.								
EHS	HCSE	RHT	2990	<b>Introductory Food Preparation</b>	Lecture	4	0		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required and C or better in RHT 1330								
		COURSE DESC:		CR Introduction to Food Preparation.								
EHS	HCSE	RHT	3340	<b>Introduction Food Production: Hospitality</b>	Laboratory	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and C or better in RHT 2990 and (NUTR 3300 or concurrent)								
		COURSE DESC:		Applications of the principles of quantity food production. Experience in commerial kitchens; central foods facility utilizing a high-tech cook-chill system, bakery and vegetable preparation, commercial foods retail outlet with six different concepts. Apply food safety and sanitation principles by participating in the HACCP plan. Use of standardized recipes.								
EHS	HCSE	RHT	3350	<b>Food Service Purchasing</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in RHT 2990								
		COURSE DESC:		Managerial approach to the purchasing and selection of a wide variety of food, beverage, and nonfood items. Emphasis placed on purchasing the optimal amount and quality at the optimal price.								
EHS	HCSE	RHT	3400	<b>Hospitality Study Tour</b>	Seminar	1 to 3	3		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		Exposure to the latest trends, foods, and equipment in the hospitality industry.								
EHS	HCSE	RHT	3410	<b>Principles of Tourism</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		COURSE DESC:		Exploration of major concepts in tourism, what makes tourism possible, and how tourism is or can become an important economic influence on a region, state, or country.								
EHS	HCSE	RHT	3600	<b>Catering for the Hospitality Industry</b>	Laboratory	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required and RHT 3340								
		COURSE DESC:		CR Course description not available.								
EHS	HCSE	RHT	3600	<b>Catering for the Hospitality Industry</b>	Lecture	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required and RHT 3340								
		COURSE DESC:		CR Course description not available.								
EHS	HCSE	RHT	3610	<b>Hotel Operations</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MKT 2020 and NUTR 3300								
		COURSE DESC:		Addresses issues of managing various operating departments of a hotel including: front office, housekeeping, controller, human resources, sales and marketing, safety and security, and facility management								
EHS	HCSE	RHT	3620	<b>Convention and Event Planning</b>	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MKT 2020 and (Warning: Not COMS 4050)								
		COURSE DESC:		Synthesis of sequence of events required in planning a convention, meeting, or function in either a professional or social setting.								
EHS	HCSE	RHT	3620	<b>Convention and Event Planning</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MKT 2020 and (Warning: Not COMS 4050)								
		COURSE DESC:		Synthesis of sequence of events required in planning a convention, meeting, or function in either a professional or social setting.								
EHS	HCSE	RHT	3700	<b>Introduction to Casino Management</b>	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	HCSE	RHT	3890	<b>Career Development for Hospitality and Tourism Professionals</b>	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	HCSE	RHT	4000	<b>Hospitality Senior Seminar</b>	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.								

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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	RHT	4390	<b>Restaurant Operations</b>	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	HCSE	RHT	4390	<b>Restaurant Operations</b>	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	HCSE	RHT	4400	<b>Beverage Management</b>	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	HCSE	RHT	4430	<b>Marketing for Hospitality and Tourism</b>	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	HCSE	RHT	4700	<b>Casino Management II</b>	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	HCSE	RHT	4750	<b>Casino Marketing Operations</b>	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	HCSE	RHT	4850	<b>Advanced Hospitality, Tourism and Events Management</b>	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	HCSE	RHT	4900	<b>Special Topics in Restaurant, Hotel and Tourism</b>	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	RHT	4920	<b>Hospitality Practicum</b>	Practicum	6 to 12	12	BLD	N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: Jr or Sr CR								
				COURSE DESC: On-the-job experience through cooperation with industry entities in restaurant, hotel and tourism.								
EHS	HCSE	RHT	4930	<b>Independent Study in Hospitality</b>	Ind Study	2 to 5	6		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.								
EHS	HCSE	RHT	5330	<b>Food Sanitation and Safety</b>	Lecture	1	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:								
				COURSE DESC: Applied food service sanitation procedures in the food handling functions of purchasing, storage, preparation, and service. Upon completion, students will be eligible for National Certification in Food Safety								
EHS	HCSE	RHT	5340	<b>Introduction Food Production: Hospitality</b>	Laboratory	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:								
				COURSE DESC: Applications of the principles of quantity food production. Experience in commercial kitchens; central foods facility utilizing a high-tech cook-chill system, bakery and vegetable preparation, commercial foods retail outlet with six different concepts. Apply food safety and sanitation principles by participating in the HACCP plan. Use of standardized recipes.								
EHS	HCSE	RHT	5350	<b>Food Service Purchasing</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: RHT 5330 and permission required CR								
				COURSE DESC: Managerial approach to the purchasing and selection of a wide variety of food, beverage, and nonfood items. Emphasis on purchasing the optimal amount at the optimal price.								



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EHS	HCSE	RHT	5370	<b>Food Service Systems I</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:	GEC3: A-F, REQUISITE: RHT 5330 and permission required							
				COURSE DESC:	CR Introduction to tools and functions of management in food service with emphasis on organizational structure, catering, staffing, work methods, human relations skills, sanitation, and safety							
EHS	HCSE	RHT	5380	<b>Food Service Systems II</b>	Lecture	3	0		I	G40		0
				ELIGIBLE GRADES:	GEC3: A-F, REQUISITE: RHT 5370 and permission required							
				COURSE DESC:	CR Institutional food purchasing, kitchen layout design, equipment selection, facilities management, and cost control.							
EHS	HCSE	RHT	5390	<b>Restaurant Operations</b>	Laboratory	3	0		N	G40		0
				ELIGIBLE GRADES:	GEC1: A-F REQUISITE: RHT 5330 and permission required							
				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	HCSE	RHT	5390	<b>Restaurant Operations</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:	GEC1: A-F REQUISITE: RHT 5330 and permission required							
				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	HCSE	RHT	5400	<b>Hospitality Study Tour</b>	Seminar	1 to 3	6		N	G40		0
				ELIGIBLE GRADES:	GEC1: A-F REQUISITE:							
				COURSE DESC:	Exposure to the latest trends, foods, and equipment in the hospitality industry.							
EHS	HCSE	RHT	5410	<b>Principles of Tourism</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:	GEC1: A-F REQUISITE:							
				COURSE DESC:	Exploration of major concepts in tourism, what makes tourism possible, and how tourism is or can become an important economic influence on a region, state, or country.							
EHS	HCSE	RHT	5420	<b>Accounting for Hospitality Operations</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:	GEC1: A-F REQUISITE:							
				COURSE DESC:	Examination and application of managerial and financial accounting principles for the hospitality operations.							
EHS	HCSE	RHT	5430	<b>Marketing for Hospitality and Tourism</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:	GEC1: A-F REQUISITE:							
				COURSE DESC:	Application of marketing principles and concepts for the hospitality and tourism industry.							
EHS	HCSE	RHT	5440	<b>Beverage Management</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:	GEC1: A-F REQUISITE:							
				COURSE DESC:	Managerial approach to beverage management in hotels, restaurants, and catering operations. Emphasis on facility planning, merchandising, and managing a beverage operation.							
EHS	HCSE	RHT	5610	<b>Hotel Operations</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:	GEC1: A-F REQUISITE:							
				COURSE DESC:	Addresses issues of managing various operating departments of a hotel including: front office, housekeeping, controller, human resources, sales and marketing, safety and security, and facility management							
EHS	HCSE	RHT	5620	<b>Convention and Event Planning</b>	Laboratory	3	0		N	G40		0
				ELIGIBLE GRADES:	GEC1: A-F REQUISITE:							
				COURSE DESC:	Synthesis of sequence of events required in planning a convention, meeting, or function in either a professional or social setting.							
EHS	HCSE	RHT	5620	<b>Convention and Event Planning</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:	GEC1: A-F REQUISITE:							
				COURSE DESC:	Synthesis of sequence of events required in planning a convention, meeting, or function in either a professional or social setting.							
EHS	HCSE	RHT	5850	<b>Advanced Hospitality, Tourism and Events Management</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:	GEC1: A-F REQUISITE:							
				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	HCSE	RHT	5900	<b>Special Topics in Restaurant, Hotel and Tourism</b>	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.							

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EHS	HCSE	RHT	5930	<b>Independent Study in Hospitality</b>	Ind Study	2 to 4	8		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:								
				COURSE DESC: Independent study, advanced level, under direction of faculty member in area of specialization.								
EHS	HCSE	RHT	6090	<b>Strategic Management for Hospitality and Tourism</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE:								
				COURSE DESC: The course examines the total enterprise, the industry, and the competitive environment in which the enterprise and industry operate. Students develop a mastery of the analytical tools to perform analyses of the industry and competitions. The course focuses on how hospitality and tourism firms formulate, implement, and evaluate strategies. Using a case-based approach, the course emphasizes becoming an effective industry leader through critical thinking and decision making to maintain an enterprise's competitive advantage in a hyper-competitive and maturing industry								
EHS	HCSE	RHT	6900	<b>Special Topics in Restaurant, Hotel and Tourism</b>	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.								
EHS	HCSE	RHT	6940	<b>Research in Hospitality</b>	Research	2 to 4	5		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, PR REQUISITE: Permission required								
				COURSE DESC: Independent investigation in hospitality.								
EHS	HCSE	T3	4720	<b>Clothing and Culture</b>	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	HCSE	T3	4722	<b>Food and Culture of the Mediterranean</b>	Lecture	3	0	3	N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: One course in (ANTH or GEOG or SOC) and Sr only								
				COURSE DESC: Investigates the food and culture of the Mediterranean region from a cultural and geographic perspective.								
EHS	HCSE	T3	4725	<b>Women and Leadership: Roles and Responsibilities</b>	Lecture	3	0	3; CAP	N	U30		0
				ELIGIBLE GRADES: GEC2: A-F, PR REQUISITE: (PSY 1010 or SOC 1000) and Sr only								
				COURSE DESC: 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.								
EHS	HCSE	T3	4925	<b>Leadership in Customer Service</b>	Lecture	3	0	3; CAP	N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: Two courses in CONS, EDCE, RFM, and/or RHT at the 3000 or 4000 level and Sr only								
				COURSE DESC: 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.								

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EHS	RSP	<b>COED</b>	<b>2120</b>	<b>Introduction to Coaching</b>	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	RSP	<b>COED</b>	<b>2130</b>	<b>Youth and Sports</b>	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	RSP	<b>COED</b>	<b>2510</b>	<b>Techniques and Tactics of Golf</b>	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Increases golf skill of students majoring in sport sciences.								
EHS	RSP	<b>COED</b>	<b>2512</b>	<b>Techniques and Tactics of Tennis</b>	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	RSP	<b>COED</b>	<b>2513</b>	<b>Techniques and Tactics of Track and Field</b>	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	RSP	<b>COED</b>	<b>2514</b>	<b>Techniques and Tactics of Wrestling</b>	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	RSP	<b>COED</b>	<b>2515</b>	<b>Techniques and Tactics of Strength and Conditioning</b>	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	RSP	<b>COED</b>	<b>2610</b>	<b>Techniques and Tactics of Baseball</b>	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Involves students in learning techniques and tactics with baseball.								
EHS	RSP	<b>COED</b>	<b>2611</b>	<b>Techniques and Tactics of Basketball</b>	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	RSP	<b>COED</b>	<b>2612</b>	<b>Techniques and Tactics of Field Hockey</b>	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	RSP	<b>COED</b>	<b>2613</b>	<b>Techniques and Tactics of Football</b>	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	RSP	<b>COED</b>	<b>2614</b>	<b>Techniques and Tactics of Ice Hockey</b>	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	RSP	<b>COED</b>	<b>2615</b>	<b>Techniques and Tactics of Lacrosse</b>	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	RSP	<b>COED</b>	<b>2616</b>	<b>Techniques and Tactics of Soccer</b>	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	RSP	<b>COED</b>	<b>2617</b>	<b>Techniques and Tactics of Softball</b>	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Involves students in learning techniques and tactics of softball.								
EHS	RSP	<b>COED</b>	<b>2618</b>	<b>Techniques and Tactics of Volleyball</b>	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  
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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	<b>COED</b>	<b>2900</b>	<b>Special Topics in Coaching Education</b>	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	RSP	<b>COED</b>	<b>2920</b>	<b>Practicum in Coaching</b>	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	RSP	<b>COED</b>	<b>3120</b>	<b>Analysis of Current Research in Athletic Coaching</b>	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	RSP	<b>COED</b>	<b>3130</b>	<b>Human Dynamics in Sport</b>	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	RSP	<b>COED</b>	<b>3210</b>	<b>Coaching Golf</b>	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	RSP	<b>COED</b>	<b>3210</b>	<b>Coaching Golf</b>	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	RSP	<b>COED</b>	<b>3211</b>	<b>Coaching Tennis</b>	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	RSP	<b>COED</b>	<b>3211</b>	<b>Coaching Tennis</b>	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	RSP	<b>COED</b>	<b>3212</b>	<b>Coaching Track and Field</b>	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	RSP	<b>COED</b>	<b>3212</b>	<b>Coaching Track and Field</b>	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	RSP	<b>COED</b>	<b>3213</b>	<b>Coaching Wrestling</b>	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	RSP	<b>COED</b>	<b>3213</b>	<b>Coaching Wrestling</b>	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	RSP	<b>COED</b>	<b>3214</b>	<b>Coaching Strength and Conditioning</b>	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	RSP	<b>COED</b>	<b>3214</b>	<b>Coaching Strength and Conditioning</b>	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	RSP	<b>COED</b>	<b>3310</b>	<b>Coaching Baseball</b>	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	RSP	<b>COED</b>	<b>3310</b>	<b>Coaching Baseball</b>	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.								

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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	<b>COED</b>	<b>3311</b>	<b>Coaching Basketball</b>	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	RSP	<b>COED</b>	<b>3311</b>	<b>Coaching Basketball</b>	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	RSP	<b>COED</b>	<b>3312</b>	<b>Coaching Field Hockey</b>	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	RSP	<b>COED</b>	<b>3312</b>	<b>Coaching Field Hockey</b>	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	RSP	<b>COED</b>	<b>3313</b>	<b>Coaching Football</b>	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	RSP	<b>COED</b>	<b>3313</b>	<b>Coaching Football</b>	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	RSP	<b>COED</b>	<b>3314</b>	<b>Coaching Ice Hockey</b>	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	RSP	<b>COED</b>	<b>3314</b>	<b>Coaching Ice Hockey</b>	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	RSP	<b>COED</b>	<b>3315</b>	<b>Coaching Lacrosse</b>	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	RSP	<b>COED</b>	<b>3315</b>	<b>Coaching Lacrosse</b>	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	RSP	<b>COED</b>	<b>3316</b>	<b>Coaching Soccer</b>	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	RSP	<b>COED</b>	<b>3316</b>	<b>Coaching Soccer</b>	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	RSP	<b>COED</b>	<b>3317</b>	<b>Coaching Softball</b>	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	RSP	<b>COED</b>	<b>3317</b>	<b>Coaching Softball</b>	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	RSP	<b>COED</b>	<b>3318</b>	<b>Coaching Volleyball</b>	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	RSP	<b>COED</b>	<b>3318</b>	<b>Coaching Volleyball</b>	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	RSP	<b>COED</b>	<b>3403</b>	<b>Athletic Officiating--Track and Field</b>	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.								

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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	<b>COED</b>	<b>3403</b>	<b>Athletic Officiating--Track and Field</b>	Lecture	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.								
EHS	RSP	<b>COED</b>	<b>3410</b>	<b>Athletic Officiating--Baseball</b>	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Rules, mechanics, and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.								
EHS	RSP	<b>COED</b>	<b>3410</b>	<b>Athletic Officiating--Baseball</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Rules, mechanics, and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.								
EHS	RSP	<b>COED</b>	<b>3411</b>	<b>Athletic Officiating--Basketball</b>	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Rules, mechanics, and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.								
EHS	RSP	<b>COED</b>	<b>3411</b>	<b>Athletic Officiating--Basketball</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Rules, mechanics, and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.								
EHS	RSP	<b>COED</b>	<b>3413</b>	<b>Athletic Officiating--Football</b>	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Rules, mechanics, and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.								
EHS	RSP	<b>COED</b>	<b>3413</b>	<b>Athletic Officiating--Football</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Rules, mechanics, and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.								
EHS	RSP	<b>COED</b>	<b>3416</b>	<b>Athletic Officiating--Soccer</b>	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Rules, mechanics, and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.								
EHS	RSP	<b>COED</b>	<b>3416</b>	<b>Athletic Officiating--Soccer</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Rules, mechanics, and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.								
EHS	RSP	<b>COED</b>	<b>3417</b>	<b>Athletic Officiating--Softball</b>	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Rules, mechanics, and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.								
EHS	RSP	<b>COED</b>	<b>3417</b>	<b>Athletic Officiating--Softball</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Rules, mechanics and procedures in officiating. Practice under actual game conditions in Intramural Sports Program.								
EHS	RSP	<b>COED</b>	<b>3418</b>	<b>Athletic Officiating-- Volleyball</b>	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Students will learn how to officiate volleyball matches.								
EHS	RSP	<b>COED</b>	<b>3418</b>	<b>Athletic Officiating-- Volleyball</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Students will learn how to officiate volleyball matches.								
EHS	RSP	<b>COED</b>	<b>4180</b>	<b>Special Topics Seminars</b>	Seminar	1 to 5	999		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		Special courses and workshops responding to specialized needs and interests; content and credit hours will vary. Usually offered as supervised practice/instructional experience in organizing and teaching activities in school.								
EHS	RSP	<b>COED</b>	<b>4210</b>	<b>The Olympic Movement</b>	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COED 2120						
		COURSE DESC:		Study of origin and development of games from Greek era to modern period. Meaning of Olympian in relation to contemporary summer and winter Olympiads explored.								
EHS	RSP	<b>COED</b>	<b>4212</b>	<b>Coaching the Elite Athlete</b>	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	COED 2120 and JR or SR						
		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.								

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EHS	RSP	<b>COED</b>	<b>4213</b>	<b>Dynamics of Skill Acquisition</b>	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	RSP	<b>COED</b>	<b>4305</b>	<b>Contemporary Issues in Athletic Coaching</b>	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	RSP	<b>COED</b>	<b>4900</b>	<b>Special Topics in Coaching Education</b>	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	RSP	<b>COED</b>	<b>4901</b>	<b>Coaching Symposium</b>	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	RSP	<b>COED</b>	<b>4911</b>	<b>Instructional Experience</b>	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	RSP	<b>COED</b>	<b>4920</b>	<b>Practicum in Coaching</b>	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	RSP	<b>COED</b>	<b>4930</b>	<b>Independent Study</b>	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	RSP	<b>COED</b>	<b>5212</b>	<b>Coaching the Elite Athlete</b>	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	RSP	<b>COED</b>	<b>5213</b>	<b>Dynamics of Skill Acquisition</b>	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	RSP	<b>COED</b>	<b>5300</b>	<b>Readings in Coaching Education</b>	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	RSP	<b>COED</b>	<b>5305</b>	<b>Contemporary Issues in Athletic Coaching</b>	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	RSP	<b>COED</b>	<b>5900</b>	<b>Special Topics in Coaching Education</b>	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	RSP	<b>COED</b>	<b>5901</b>	<b>Coaching Symposium</b>	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	RSP	<b>COED</b>	<b>5911</b>	<b>Instructional Experience</b>	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	RSP	<b>COED</b>	<b>6050</b>	<b>Coaching Athletes with Disabilities</b>	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	RSP	<b>COED</b>	<b>6100</b>	<b>Coaching Workshop I</b>	Seminar	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	RSP	<b>COED</b>	<b>6101</b>	<b>Coaching Workshop II</b>	Seminar	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: COED 6100								
		COURSE DESC:		PR 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	RSP	<b>COED</b>	<b>6110</b>	<b>Foundations of Coaching I</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	RSP	<b>COED</b>	<b>6115</b>	<b>Foundations of Coaching II</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: COED 6110								
		COURSE DESC:		PR 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	RSP	<b>COED</b>	<b>6120</b>	<b>Management and Leadership in Sport</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	RSP	<b>COED</b>	<b>6130</b>	<b>Finance for Sport Coaches</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	RSP	<b>COED</b>	<b>6140</b>	<b>Psychology of Coaching</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	RSP	<b>COED</b>	<b>6150</b>	<b>Injury Prevention &amp; Risk Management</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR This course explores the responsibilities of coaches toward athlete safety, pertaining to risk of injury, illness, rest, and appropriate recovery from injury.								
EHS	RSP	<b>COED</b>	<b>6160</b>	<b>Performance and Conditioning for Athletic Coaches</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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.								



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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	RSP	<b>COED</b>	<b>6170</b>	<b>Ethics and Diversity in Athletic Coaching</b>	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	RSP	<b>COED</b>	<b>6180</b>	<b>Utilizing Technology in Athletic Coaching</b>	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	RSP	<b>COED</b>	<b>6180</b>	<b>Utilizing Technology in Athletic Coaching</b>	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	RSP	<b>COED</b>	<b>6190</b>	<b>Coaching through Games</b>	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	RSP	<b>COED</b>	<b>6190</b>	<b>Coaching through Games</b>	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	RSP	<b>COED</b>	<b>6200</b>	<b>Research and Analysis Methods for Athletic Coaches</b>	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	RSP	<b>COED</b>	<b>6200</b>	<b>Research and Analysis Methods for Athletic Coaches</b>	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	RSP	<b>COED</b>	<b>6210</b>	<b>Coaching Soccer: The Beautiful Game</b>	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	RSP	<b>COED</b>	<b>6220</b>	<b>Concepts of Soccer Player Development</b>	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	RSP	<b>COED</b>	<b>6230</b>	<b>Reading, Writing and Applying Research for Sport Coaches</b>	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	RSP	<b>COED</b>	<b>6240</b>	<b>Social Dynamics in Sports Coaching</b>	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.								

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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	RSP	<b>COED</b>	<b>6250</b>	<b>Soccer: The Global Game</b>	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	RSP	<b>COED</b>	<b>6270</b>	<b>Advanced Soccer Player Development</b>	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	RSP	<b>COED</b>	<b>6280</b>	<b>Leadership and Team Dynamics in Soccer</b>	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	RSP	<b>COED</b>	<b>6300</b>	<b>Training and Conditioning for Soccer Coaches</b>	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	RSP	<b>COED</b>	<b>6320</b>	<b>Sport Performance for Athletic Coaches</b>	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	RSP	<b>COED</b>	<b>6320</b>	<b>Sport Performance for Athletic Coaches</b>	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	RSP	<b>COED</b>	<b>6330</b>	<b>Analysis of Sport Performance for Coaches</b>	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	RSP	<b>COED</b>	<b>6340</b>	<b>Performance Recovery: Strategies for Coaches</b>	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	RSP	<b>COED</b>	<b>6400</b>	<b>Coaching Performance Evaluation</b>	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	RSP	<b>COED</b>	<b>6900</b>	<b>Special Topics in Coaching Education</b>	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	RSP	<b>COED</b>	<b>6920</b>	<b>Practicum</b>	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.								

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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	<b>COED</b>	<b>6930</b>	<b>Guided Independent Study</b>	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	RSP	<b>COED</b>	<b>6940</b>	<b>Research Dynamics: Planning, Participation, and Actualization of the Research Process</b>	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	RSP	<b>COED</b>	<b>6941</b>	<b>Special Problems</b>	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	RSP	<b>COED</b>	<b>6950</b>	<b>Thesis</b>	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	RSP	<b>EQU</b>	<b>1000</b>	<b>Introduction to Equines</b>	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	RSP	<b>EQU</b>	<b>1010</b>	<b>Basic Equine Health Care</b>	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	RSP	<b>EQU</b>	<b>1010</b>	<b>Basic Equine Health Care</b>	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	RSP	<b>EQU</b>	<b>1020</b>	<b>Basic Horse Handling</b>	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	RSP	<b>EQU</b>	<b>1020</b>	<b>Basic Horse Handling</b>	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	RSP	<b>EQU</b>	<b>1030</b>	<b>Practical Experience in Equine Facility Management I</b>	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.								
EHS	RSP	<b>EQU</b>	<b>1030</b>	<b>Practical Experience in Equine Facility Management I</b>	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	RSP	<b>EQU</b>	<b>1040</b>	<b>Practical Experience in Equine Facility Management II</b>	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	RSP	<b>EQU</b>	<b>1040</b>	<b>Practical Experience in Equine Facility Management II</b>	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	RSP	<b>EQU</b>	<b>1060</b>	<b>Introduction to Western Riding</b>	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.								

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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	<b>EQU</b>	<b>1061</b>	<b>Introduction to English Riding</b>	Laboratory	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	RSP	<b>EQU</b>	<b>1062</b>	<b>Equestrian Teaching Techniques</b>	Laboratory	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				EQU 1000 and 1010 and 1060 and 1061 Conducting safe, basic equestrian lessons.								
EHS	RSP	<b>EQU</b>	<b>1062</b>	<b>Equestrian Teaching Techniques</b>	Lecture	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				EQU 1000 and 1010 and 1060 and 1061 Conducting safe, basic equestrian lessons.								
EHS	RSP	<b>EQU</b>	<b>1070</b>	<b>Equine Nutrition</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Study of the equine digestive system, nutrient requirements of horses at various levels of performance, and problems associated with feeds and feeding practices.								
EHS	RSP	<b>EQU</b>	<b>1071</b>	<b>Equine Evaluation and Selection</b>	Lecture	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				EQU 1000 Study of the ideal types and selection relative to purpose of equines.								
EHS	RSP	<b>EQU</b>	<b>1071</b>	<b>Equine Evaluation and Selection</b>	Practicum	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				EQU 1000 Study of the ideal types and selection relative to purpose of equines.								
EHS	RSP	<b>EQU</b>	<b>2000</b>	<b>Equine Industry Career and Leadership Development</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	RSP	<b>EQU</b>	<b>2001</b>	<b>Equine Evaluation and Judging</b>	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	RSP	<b>EQU</b>	<b>2001</b>	<b>Equine Evaluation and Judging</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	RSP	<b>EQU</b>	<b>2020</b>	<b>Equine Behavior and Welfare Issues</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	RSP	<b>EQU</b>	<b>2030</b>	<b>Farm Design and Stable Management</b>	Laboratory	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				BMT 1100 and EQU 1000 and 1010 and 1030 and 1040 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	RSP	<b>EQU</b>	<b>2030</b>	<b>Farm Design and Stable Management</b>	Lecture	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				BMT 1100 and EQU 1000 and 1010 and 1030 and 1040 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	RSP	<b>EQU</b>	<b>2031</b>	<b>Equine Business Management</b>	Lecture	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				ATCH 1030 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): EQU 2037 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.								

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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	<b>EQU</b>	<b>2033</b>	<b>Introduction to Economics for the Equine Business Owner/Manager</b> 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.	Lecture	3	0		N	U20		0
EHS	RSP	<b>EQU</b>	<b>2034</b>	<b>Equine Marketing</b> 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.	Lecture	3	0		N	U20		0
EHS	RSP	<b>EQU</b>	<b>2035</b>	<b>The Modern Equine Industry and the Impact of Technology</b> 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.	Lecture	3	0		N	U20		0
EHS	RSP	<b>EQU</b>	<b>2036</b>	<b>Equine Management</b> 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.	Lecture	3	0		N	U20		0
EHS	RSP	<b>EQU</b>	<b>2037</b>	<b>Equine Business Management</b> 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.	Lecture	3	0		N	U20		0
EHS	RSP	<b>EQU</b>	<b>2040</b>	<b>Basic Horse Shoeing</b> 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.	Laboratory	2	0		N	U20		0
EHS	RSP	<b>EQU</b>	<b>2040</b>	<b>Basic Horse Shoeing</b> 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.	Lecture	2	0		N	U20		0
EHS	RSP	<b>EQU</b>	<b>2041</b>	<b>Comprehensive and Competitive Horse Judging</b> 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.	Laboratory	2	0		N	U20		0
EHS	RSP	<b>EQU</b>	<b>2041</b>	<b>Comprehensive and Competitive Horse Judging</b> 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.	Lecture	2	0		N	U20		0
EHS	RSP	<b>EQU</b>	<b>2042</b>	<b>Horse Show and Event Management</b> 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.	Laboratory	2	0		N	U20		0
EHS	RSP	<b>EQU</b>	<b>2042</b>	<b>Horse Show and Event Management</b> 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.	Lecture	2	0		N	U20		0
EHS	RSP	<b>EQU</b>	<b>2043</b>	<b>Equine Event Management</b> 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.	Lecture	3	0		N	U20		0
EHS	RSP	<b>EQU</b>	<b>2050</b>	<b>Ohio University Southern Equestrian Teams</b> 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.	Laboratory	1	6		N	U20		0

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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	<b>EQU</b>	<b>2060</b>	<b>Advanced Western Riding</b>	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	RSP	<b>EQU</b>	<b>2061</b>	<b>Advanced English Riding</b>	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	RSP	<b>EQU</b>	<b>2062</b>	<b>Equestrian Teaching Techniques Practicum</b>	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	RSP	<b>EQU</b>	<b>2062</b>	<b>Equestrian Teaching Techniques Practicum</b>	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	RSP	<b>EQU</b>	<b>2063</b>	<b>Evaluating and Training Horses</b>	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	RSP	<b>EQU</b>	<b>2063</b>	<b>Evaluating and Training Horses</b>	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	RSP	<b>EQU</b>	<b>2071</b>	<b>Equine Anatomy and Physiology</b>	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	RSP	<b>EQU</b>	<b>2072</b>	<b>Equine Lameness and Conditioning</b>	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	RSP	<b>EQU</b>	<b>2072</b>	<b>Equine Lameness and Conditioning</b>	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.								
EHS	RSP	<b>EQU</b>	<b>2073</b>	<b>Equine Reproduction</b>	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	RSP	<b>EQU</b>	<b>2073</b>	<b>Equine Reproduction</b>	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	RSP	<b>EQU</b>	<b>2074</b>	<b>Equine Veterinary Technology</b>	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	RSP	<b>EQU</b>	<b>2074</b>	<b>Equine Veterinary Technology</b>	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	RSP	<b>EQU</b>	<b>2080</b>	<b>Therapeutic Riding: Overview and Instruction</b>	Laboratory	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Overview of the therapeutic riding industry: the history, different types, human growth and development, disabilities and challenges, the role of the horse, adaptive equipment, the therapeutic team, and teaching techniques.								

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EHS	RSP	<b>EQU</b>	<b>2080</b>	<b>Therapeutic Riding: Overview and Instruction</b>	Lecture	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Overview of the therapeutic riding industry: the history, different types, human growth and development, disabilities and challenges, the role of the horse, adaptive equipment, the therapeutic team, and teaching techniques.								
EHS	RSP	<b>EQU</b>	<b>2081</b>	<b>Administrative Aspects of Therapeutic Riding</b>	Lecture	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		EQU 2080 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): EQU 2082 Provides information on administrative issues and aspects of therapeutic riding, the riding center, and overall management. Includes goal setting, strategic planning, legal issues, and working with boards.								
EHS	RSP	<b>EQU</b>	<b>2082</b>	<b>Development and Management of the Equine Non-profit Organization</b>	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): EQU 2081 Students explore the formation and management of an equine non-profit organization. These organizations are formed to solve problems existing within the equine industry.								
EHS	RSP	<b>EQU</b>	<b>2083</b>	<b>Equine Law</b>	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	RSP	<b>EQU</b>	<b>2900</b>	<b>Special Topics in Equine Studies</b>	Lecture	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.								
EHS	RSP	<b>EQU</b>	<b>2910</b>	<b>Equine Internship</b>	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	RSP	<b>EQU</b>	<b>2990</b>	<b>Studies in Equine Issues</b>	Ind Study	1 to 3	6		I	U20		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR Study of topics of current interest in the horse industry.								
EHS	RSP	<b>EQU</b>	<b>2990</b>	<b>Studies in Equine Issues</b>	Lecture	1 to 3	6		I	U20		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR Study of topics of current interest in the horse industry.								
EHS	RSP	<b>PAW</b>	<b>1000</b>	<b>Exercise and Conditioning</b>	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	RSP	<b>PAW</b>	<b>1001</b>	<b>Aerobic Conditioning</b>	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.								
EHS	RSP	<b>PAW</b>	<b>1002</b>	<b>Circuit Training</b>	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, history, safety, and etiquette of circuit training. Students will be graded based on knowledge and participation.								
EHS	RSP	<b>PAW</b>	<b>1003</b>	<b>Weight Training</b>	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 weight training. Students will be graded based on knowledge and participation.								

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EHS	RSP	<b>PAW</b>	<b>1004</b>	<b>Jogging</b> 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, history, safety, and etiquette of jogging. Students will be graded based on knowledge and participation.								
EHS	RSP	<b>PAW</b>	<b>1005</b>	<b>Yoga</b> 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, history, safety, and etiquette of yoga. Students will be graded based on knowledge and participation.								
EHS	RSP	<b>PAW</b>	<b>1006</b>	<b>Pilates</b> 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, history, safety, and etiquette of pilates. Students will be graded based on knowledge and participation.								
EHS	RSP	<b>PAW</b>	<b>1007</b>	<b>Aerobics</b> 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, history, safety, and etiquette of aerobics. Students will be graded based on knowledge and participation.								
EHS	RSP	<b>PAW</b>	<b>1008</b>	<b>Spinning</b> 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, history, safety, and etiquette of spinning. Students will be graded based on knowledge and participation.								
EHS	RSP	<b>PAW</b>	<b>1009</b>	<b>Group Fitness and Exercise</b> 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, history, safety, and etiquette in group fitness and exercise. Students will be graded based on knowledge and participation.								
EHS	RSP	<b>PAW</b>	<b>1099</b>	<b>Adapted Physical Activity</b> ELIGIBLE GRADES: COURSE DESC:	Laboratory	1	0		N	U10		0
				GEC1: A-F REQUISITE: Designed to help students gain the knowledge and skills necessary for physical activity and people with special needs. Students will gain knowledge, appreciation, and understanding about adaptive physical activity for people with special needs.								
EHS	RSP	<b>PAW</b>	<b>1100</b>	<b>Basketball</b> 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 basketball. Students will be graded based on knowledge and participation.								
EHS	RSP	<b>PAW</b>	<b>1101</b>	<b>Lacrosse</b> 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 lacrosse. Students will be graded based on knowledge and participation.								
EHS	RSP	<b>PAW</b>	<b>1102</b>	<b>Softball</b> 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	RSP	<b>PAW</b>	<b>1103</b>	<b>Fundamentals of Volleyball</b> 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.								



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EHS	RSP	<b>PAW</b>	<b>1104</b>	<b>Ultimate Frisbee</b>	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 ultimate frisbee. Students will be graded based on knowledge and participation.								
EHS	RSP	<b>PAW</b>	<b>1105</b>	<b>Broomball</b>	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 broomball. Students will be graded based on knowledge and participation.								
EHS	RSP	<b>PAW</b>	<b>1106</b>	<b>Ice Hockey</b>	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 ice hockey. Students will be graded based on knowledge and participation.								
EHS	RSP	<b>PAW</b>	<b>1107</b>	<b>Indoor Soccer</b>	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 indoor soccer. Students will be graded based on knowledge and participation.								
EHS	RSP	<b>PAW</b>	<b>1108</b>	<b>Soccer</b>	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 soccer. Students will be graded based on knowledge and participation.								
EHS	RSP	<b>PAW</b>	<b>1109</b>	<b>Flag Football</b>	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 flag football. Students will be graded based on knowledge and participation.								
EHS	RSP	<b>PAW</b>	<b>1110</b>	<b>Team Handball</b>	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 team handball. Students will be graded based on knowledge and participation.								
EHS	RSP	<b>PAW</b>	<b>1111</b>	<b>Field Hockey</b>	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 field hockey. Students will be graded based on knowledge and participation.								
EHS	RSP	<b>PAW</b>	<b>1112</b>	<b>Walleyball</b>	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 walleyball. Students will be graded based on knowledge and participation.								
EHS	RSP	<b>PAW</b>	<b>1113</b>	<b>Netball</b>	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	RSP	<b>PAW</b>	<b>1114</b>	<b>Jokgu</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>PAW</b>	<b>1115</b>	<b>Futsal</b>	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	RSP	<b>PAW</b>	<b>1116</b>	<b>Spikeball</b>	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	RSP	<b>PAW</b>	<b>1200</b>	<b>Fundamentals of Racquetball</b>	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	RSP	<b>PAW</b>	<b>1201</b>	<b>Fundamentals of Tennis</b>	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	RSP	<b>PAW</b>	<b>1202</b>	<b>Fundamentals of Golf</b>	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	RSP	<b>PAW</b>	<b>1203</b>	<b>Badminton</b>	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	RSP	<b>PAW</b>	<b>1204</b>	<b>Fundamentals of Indoor Rock Climbing</b>	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 indoor rock climbing. Students will be graded based on knowledge and participation.								
EHS	RSP	<b>PAW</b>	<b>1205</b>	<b>Cycling</b>	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	RSP	<b>PAW</b>	<b>1206</b>	<b>Bowling</b>	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	RSP	<b>PAW</b>	<b>1207</b>	<b>Fundamentals of Handball</b>	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.								
EHS	RSP	<b>PAW</b>	<b>1208</b>	<b>Archery</b>	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.								

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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	RSP	<b>PAW</b>	<b>1209</b>	<b>Fundamentals of Ice Skating</b>	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	RSP	<b>PAW</b>	<b>1210</b>	<b>Fundamentals of Figure Skating</b>	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	RSP	<b>PAW</b>	<b>1211</b>	<b>Fundamentals of Snow Skiing</b>	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	RSP	<b>PAW</b>	<b>1212</b>	<b>Fundamentals of Water Skiing</b>	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	RSP	<b>PAW</b>	<b>1213</b>	<b>Fundamentals of Karate</b>	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	RSP	<b>PAW</b>	<b>1214</b>	<b>Fundamentals of Tae Kwon Do</b>	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	RSP	<b>PAW</b>	<b>1215</b>	<b>Fundamentals of Judo</b>	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	RSP	<b>PAW</b>	<b>1216</b>	<b>Fundamentals of Belly Dance</b>	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	RSP	<b>PAW</b>	<b>1217</b>	<b>Country Dance</b>	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	RSP	<b>PAW</b>	<b>1218</b>	<b>Social Dance</b>	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.								
EHS	RSP	<b>PAW</b>	<b>1219</b>	<b>Disc Golf</b>	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.								

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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	<b>PAW</b>	<b>1220</b>	<b>Trail Running</b>	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	RSP	<b>PAW</b>	<b>1221</b>	<b>Hiking</b>	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 hiking. Students will be graded based on knowledge and participation.								
EHS	RSP	<b>PAW</b>	<b>1222</b>	<b>Mountain Biking</b>	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	RSP	<b>PAW</b>	<b>1223</b>	<b>Kayaking</b>	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	RSP	<b>PAW</b>	<b>1224</b>	<b>Canoeing</b>	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	RSP	<b>PAW</b>	<b>1225</b>	<b>Fundamentals of Triathlon Training</b>	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	RSP	<b>PAW</b>	<b>1260</b>	<b>Physical Conditioning I</b>	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	RSP	<b>PAW</b>	<b>1300</b>	<b>Aqua Aerobics</b>	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	RSP	<b>PAW</b>	<b>1301</b>	<b>Fundamentals of Swimming</b>	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	RSP	<b>PAW</b>	<b>1302</b>	<b>Fundamentals Swim Conditioning</b>	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	RSP	<b>PAW</b>	<b>1401</b>	<b>Fundamentals of Horseback Western Seat</b>	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.								

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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	<b>PAW</b>	<b>1402</b>	<b>Intermediate Horseback Western Seat</b>	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PED 1401								
		COURSE DESC:		Builds upon knowledge gained in fundamental horseback and is designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of the respective physical activity or sport. Students will be graded based on knowledge and participation.								
EHS	RSP	<b>PAW</b>	<b>1403</b>	<b>Advanced Horseback Western Seat</b>	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PED 1402								
		COURSE DESC:		Builds upon the intermediate horseback course and is designed to help students gain the knowledge and skills necessary to develop a lasting interest in attaining and maintaining personal health and wellness throughout their lifetime. In addition, students will gain a thorough working knowledge, appreciation, and understanding of the spirit and rules, history, safety, and etiquette of the respective physical activity or sport. Students will be graded based on knowledge and participation.								
EHS	RSP	<b>PAW</b>	<b>1410</b>	<b>Fundamentals of Horseback Hunt Seat</b>	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	RSP	<b>PAW</b>	<b>1411</b>	<b>Intermediate Horseback Hunt Seat</b>	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	RSP	<b>PAW</b>	<b>1412</b>	<b>Advanced Horseback Hunt Seat</b>	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	RSP	<b>PAW</b>	<b>1431</b>	<b>Horseback Jumping</b>	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	RSP	<b>PAW</b>	<b>2103</b>	<b>Intermediate Volleyball</b>	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	RSP	<b>PAW</b>	<b>2180</b>	<b>Life Guard Training</b>	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	RSP	<b>PAW</b>	<b>2180</b>	<b>Life Guard Training</b>	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	RSP	<b>PAW</b>	<b>2200</b>	<b>Water Safety for Instructors</b>	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PAW 2301								
		COURSE DESC:		Includes analysis of swimming and teaching practices.								
EHS	RSP	<b>PAW</b>	<b>2200</b>	<b>Water Safety for Instructors</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PAW 2301								
		COURSE DESC:		Includes analysis of swimming and teaching practices.								
EHS	RSP	<b>PAW</b>	<b>2201</b>	<b>Intermediate Tennis</b>	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.								

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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
EHS	RSP	<b>PAW</b>	<b>2202</b>	<b>Intermediate Golf</b>	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	RSP	<b>PAW</b>	<b>2204</b>	<b>Intermediate Indoor Rock Climbing</b>	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.								
EHS	RSP	<b>PAW</b>	<b>2209</b>	<b>Intermediate Ice Skating</b>	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	RSP	<b>PAW</b>	<b>2210</b>	<b>Intermediate Figure Skating</b>	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	RSP	<b>PAW</b>	<b>2211</b>	<b>Intermediate Snow Skiing</b>	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	RSP	<b>PAW</b>	<b>2212</b>	<b>Intermediate Waterskiing</b>	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	RSP	<b>PAW</b>	<b>2213</b>	<b>Intermediate Karate</b>	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	RSP	<b>PAW</b>	<b>2214</b>	<b>Intermediate Tae Kwon Do</b>	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	RSP	<b>PAW</b>	<b>2215</b>	<b>Intermediate Judo</b>	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	RSP	<b>PAW</b>	<b>2216</b>	<b>Intermediate Belly Dance</b>	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	RSP	<b>PAW</b>	<b>2217</b>	<b>Intermediate Racquetball</b>	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.								

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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	RSP	<b>PAW</b>	<b>2225</b>	<b>Intermediate Triathlon Training</b>	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	RSP	<b>PAW</b>	<b>2301</b>	<b>Intermediate Swimming</b>	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.								
EHS	RSP	<b>PAW</b>	<b>2302</b>	<b>Intermediate Swim Conditioning</b>	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	RSP	<b>PAW</b>	<b>2801</b>	<b>Advanced Swimming</b>	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	RSP	<b>PAW</b>	<b>2900</b>	<b>Special Topics in Physical Education Activity</b>	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	RSP	<b>PAW</b>	<b>3800</b>	<b>Life Guard Training Instructor</b>	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	RSP	<b>PAW</b>	<b>3800</b>	<b>Life Guard Training Instructor</b>	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	RSP	<b>PAW</b>	<b>4900</b>	<b>Special Topics in Physical Education and Sport Science</b>	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	RSP	<b>PETE</b>	<b>1260</b>	<b>Skill and Fitness for Coaches and Physical Educators</b>	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	RSP	<b>PETE</b>	<b>1260</b>	<b>Skill and Fitness for Coaches and Physical Educators</b>	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	RSP	<b>PETE</b>	<b>2000</b>	<b>Cultural Perspectives and Physical Activity</b>	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course examines the interrelationship between culture and physical activity and how that interrelationship reinforces cultural values and/or at times challenges physical activity participation. Students recognize the role and meaning of physical activity in their lives and the wider community.								
EHS	RSP	<b>PETE</b>	<b>2020</b>	<b>Introduction to Physical Education/Teacher Education</b>	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.								

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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	<b>PETE</b>	<b>2020</b>	<b>Introduction to Physical Education/Teacher Education</b> 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.	Lecture	3	0		N	U30		0
EHS	RSP	<b>PETE</b>	<b>2100</b>	<b>Physical Activity and Sport Leadership</b> 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.	Lecture	3	0	2SS	N	U30		0
EHS	RSP	<b>PETE</b>	<b>2330</b>	<b>Inclusive Physical Activity and Sport for Individuals with Disabilities</b> 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.	Laboratory	3	0		N	U30		0
EHS	RSP	<b>PETE</b>	<b>2330</b>	<b>Inclusive Physical Activity and Sport for Individuals with Disabilities</b> 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.	Lecture	3	0		N	U30		0
EHS	RSP	<b>PETE</b>	<b>2400</b>	<b>Foundations of Sport and Games in Physical Education I</b> GEC1: A-F REQUISITE: B or better in PETE 1260 or C or better in PETE 2020 COURSE DESC: Sport and games are a primary instructional component of physical education programs. Introduces and provides instruction in a variety of sport skills and game activities that typically occur outdoors. Students will receive instruction in basic skills, tactics and strategies of game play, and will be required to apply principles of outdoor sports and games at different developmental levels.	Laboratory	3	0		N	U30		0
EHS	RSP	<b>PETE</b>	<b>2400</b>	<b>Foundations of Sport and Games in Physical Education I</b> GEC1: A-F REQUISITE: B or better in PETE 1260 or C or better in PETE 2020 COURSE DESC: Sport and games are a primary instructional component of physical education programs. Introduces and provides instruction in a variety of sport skills and game activities that typically occur outdoors. Students will receive instruction in basic skills, tactics and strategies of game play, and will be required to apply principles of outdoor sports and games at different developmental levels.	Lecture	3	0		N	U30		0
EHS	RSP	<b>PETE</b>	<b>2401</b>	<b>Foundations of Sport and Games in Physical Education II</b> GEC1: A-F REQUISITE: B or better in PETE 1260 or C or better in PETE 2020 COURSE DESC: Sport and games are a primary instructional component of physical education programs. Introduces and provides instruction in a variety of sport skills.	Laboratory	3	0		N	U30		0
EHS	RSP	<b>PETE</b>	<b>2401</b>	<b>Foundations of Sport and Games in Physical Education II</b> GEC1: A-F REQUISITE: B or better in PETE 1260 or C or better in PETE 2020 COURSE DESC: Sport and games are a primary instructional component of physical education programs. Introduces and provides instruction in a variety of sport skills.	Lecture	3	0		N	U30		0
EHS	RSP	<b>PETE</b>	<b>2700</b>	<b>Teaching of Physical Education</b> GEC1: A-F REQUISITE: COURSE DESC: Lab and lecture experiences for teaching physical education in elementary school for early childhood majors.	Laboratory	2	0		N	U30		75
EHS	RSP	<b>PETE</b>	<b>2700</b>	<b>Teaching of Physical Education</b> GEC1: A-F REQUISITE: COURSE DESC: Lab and lecture experiences for teaching physical education in elementary school for early childhood majors.	Lecture	2	0		N	U30		75
EHS	RSP	<b>PETE</b>	<b>2900</b>	<b>Special Topics in Physical Education Teacher Education</b> GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.	Lecture	1 to 15	999		N	U30		0



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EHS	RSP	<b>PETE</b>	<b>3090</b>	<b>Tests and Measurements</b>	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (BIOS 1030 and PETE 2100)						
		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	RSP	<b>PETE</b>	<b>3090</b>	<b>Tests and Measurements</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (BIOS 1030 and PETE 2100)						
		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	RSP	<b>PETE</b>	<b>3100</b>	<b>Principles, Theories and Methods of Teaching Early Childhood Physical Education</b>	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	RSP	<b>PETE</b>	<b>3100</b>	<b>Principles, Theories and Methods of Teaching Early Childhood Physical Education</b>	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	RSP	<b>PETE</b>	<b>3400</b>	<b>Design and Application of Movement through Games</b>	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	RSP	<b>PETE</b>	<b>3401</b>	<b>Techniques and Tactics of Sport</b>	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	RSP	<b>PETE</b>	<b>3700</b>	<b>Methods of Teaching Adolescent and Young Adult Physical Education &amp; Health</b>	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	RSP	<b>PETE</b>	<b>3700</b>	<b>Methods of Teaching Adolescent and Young Adult Physical Education &amp; Health</b>	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	RSP	<b>PETE</b>	<b>4000</b>	<b>Curriculum and Instruction for Physical Education and Health Education</b>	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	RSP	<b>PETE</b>	<b>4050</b>	<b>Motor Learning</b>	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	RSP	<b>PETE</b>	<b>4600</b>	<b>Principles, Theories and Methods of Teaching Physical Education</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>PETE</b>	<b>4600</b>	<b>Principles, Theories and Methods of Teaching Physical Education</b> 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.	Laboratory	5	0		N	U30		0
EHS	RSP	<b>PETE</b>	<b>4600</b>	<b>Principles, Theories and Methods of Teaching Physical Education</b> 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	RSP	<b>PETE</b>	<b>4900</b>	<b>Special Topics in Physical Education Teacher Education</b> GEC3: A-F, REQUISITE: CR COURSE DESC: Specific course content will vary with offering.	Lecture	1 to 15	999		N	U30		0
EHS	RSP	<b>PETE</b>	<b>4910</b>	<b>Internship in Physical Activity and Sport Coaching</b> 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	RSP	<b>PETE</b>	<b>4960</b>	<b>Physical Activity and Sport Coaching Seminar</b> 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	RSP	<b>REC</b>	<b>1000</b>	<b>Fundamentals of Backpacking</b> 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	RSP	<b>REC</b>	<b>1005</b>	<b>Winter Camping and Backpacking</b> 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	RSP	<b>REC</b>	<b>1010</b>	<b>Wilderness Navigation</b> 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	RSP	<b>REC</b>	<b>1030</b>	<b>Wilderness Survival</b> 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	RSP	<b>REC</b>	<b>1060</b>	<b>Hunter Education</b> 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

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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	RSP	<b>REC</b>	<b>1080</b>	<b>Fundamentals of Rock Climbing</b>	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 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.								
EHS	RSP	<b>REC</b>	<b>1081</b>	<b>Sport Rock Climbing</b>	Laboratory	1	0		N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: REC 1080								
		COURSE DESC:		Provides students with the fundamental skills necessary to lead climb on bolted routes. In addition, instruction will focus on topics that include lead belaying, clipping, anchors, and rappelling. An extension of REC 1080, The Fundamentals of Rock Climbing, as it offers students the opportunity to further develop their climbing technique in sport rock climbing.								
EHS	RSP	<b>REC</b>	<b>1082</b>	<b>Traditional Rock Climbing</b>	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	RSP	<b>REC</b>	<b>1083</b>	<b>Rock Climbing Rescue</b>	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	RSP	<b>REC</b>	<b>1100</b>	<b>Fundamentals of Fishing</b>	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	RSP	<b>REC</b>	<b>1110</b>	<b>Cross Country Snow Skiing</b>	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	RSP	<b>REC</b>	<b>1130</b>	<b>Fundamentals of Canoeing</b>	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	RSP	<b>REC</b>	<b>1131</b>	<b>Whitewater Canoeing</b>	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	RSP	<b>REC</b>	<b>1132</b>	<b>Canoe Touring</b>	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	RSP	<b>REC</b>	<b>1132</b>	<b>Canoe Touring</b>	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	RSP	<b>REC</b>	<b>1140</b>	<b>Fundamentals of River Kayaking</b>	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	RSP	<b>REC</b>	<b>1141</b>	<b>Whitewater Kayaking</b>	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	RSP	<b>REC</b>	<b>1142</b>	<b>Coastal Kayaking</b>	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.								

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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	RSP	<b>REC</b>	<b>1143</b>	<b>Kayak Touring</b>	Laboratory	1 to 6	6		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		Provides an experiential learning environment that utilizes the natural surroundings to develop strong wilderness living and kayaking skills. Focus on the development of a personal outdoor ethic, interpersonal skills, and awareness of the natural environment through observation. Introduces students to the knowledge and skills needed to safely and enjoyably participate in extended kayak expeditions on lakes and/or rivers. In addition, students learn about expeditionary leadership specific to kayaking in backcountry settings.								
EHS	RSP	<b>REC</b>	<b>1150</b>	<b>Whitewater Rafting</b>	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	RSP	<b>REC</b>	<b>1160</b>	<b>Stand Up Paddleboarding</b>	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.								
EHS	RSP	<b>REC</b>	<b>1180</b>	<b>Sailing</b>	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Learn the basic elements of sailing, including terminology, rigging, sailing techniques, safety, and etiquette. Also gain personal skills in resourcefulness, balance, and self-reliance.								
EHS	RSP	<b>REC</b>	<b>1190</b>	<b>Caving</b>	Laboratory	1	0	BLD	N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Introduces students to the knowledge and skills required to safely and enjoyably participate in the sport of caving.								
EHS	RSP	<b>REC</b>	<b>1200</b>	<b>Mountain Biking</b>	Laboratory	1	0	BLD	N	U10		50
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Introduces students to the knowledge and skills required to safely and enjoyably participate in the sport of mountain biking.								
EHS	RSP	<b>REC</b>	<b>1201</b>	<b>Intermediate Mountain Biking</b>	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: REC 1201								
		COURSE DESC:		Introduces students to the knowledge and skills required to safely and enjoyably participate in intermediate level mountain biking. Students will participate in a weekend trip to learn and practice associated skills.								
EHS	RSP	<b>REC</b>	<b>1202</b>	<b>Advanced Mountain Biking</b>	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: REC 1201								
		COURSE DESC:		Introduces students to the knowledge and skills required to safely and enjoyably participate in advanced level mountain biking. Students will participate in a weekend trip to learn and practice associated skills.								
EHS	RSP	<b>REC</b>	<b>1220</b>	<b>Scuba Diver</b>	Laboratory	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Designed to train students to plan and execute safe and environmentally sound open-water, entry-level recreational SCUBA dives. In addition, although a certification is not guaranteed, course content and organization are designed to prepare students for open-water certification checkout dives.								
EHS	RSP	<b>REC</b>	<b>1220</b>	<b>Scuba Diver</b>	Lecture	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Designed to train students to plan and execute safe and environmentally sound open-water, entry-level recreational SCUBA dives. In addition, although a certification is not guaranteed, course content and organization are designed to prepare students for open-water certification checkout dives.								
EHS	RSP	<b>REC</b>	<b>1221</b>	<b>Advanced Scuba Diver</b>	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: REC 1220								
		COURSE DESC:		Provides certified scuba divers with additional training, diving experience and an orientation to a variety of diving sites, conditions and activities. Apply your scuba skills as you explore new dive sites and activities. Learn which diving specialties interest you and what type of diving you enjoy most. Gain more confidence and capability. Begin to consider the directions diving will take you.								
EHS	RSP	<b>REC</b>	<b>1221</b>	<b>Advanced Scuba Diver</b>	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: REC 1220								
		COURSE DESC:		Provides certified scuba divers with additional training, diving experience and an orientation to a variety of diving sites, conditions and activities. Apply your scuba skills as you explore new dive sites and activities. Learn which diving specialties interest you and what type of diving you enjoy most. Gain more confidence and capability. Begin to consider the directions diving will take you.								
EHS	RSP	<b>REC</b>	<b>1222</b>	<b>Scuba Rescue Diver</b>	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: REC 1220 and 1221								
		COURSE DESC:		Learn how to effectively manage risks and handle in-water problems and diving emergencies for both boat and shore-based skin and scuba divers. This includes learning to identify problems, assist divers, perform surface and underwater rescues, and transport divers. This is a certification course allowing students to begin the NAUI Leadership Track and work to become an assistant instructor, dive master or instructor.								
EHS	RSP	<b>REC</b>	<b>1250</b>	<b>Adventure Challenge Course</b>	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Provides the opportunity to demonstrate low and high rope skills and to practice facilitation techniques.								

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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	RSP	<b>REC</b>	<b>1920</b>	<b>Adventure Experience Practicum for Incoming First Year Students</b> GEC1: A-F REQUISITE: COURSE DESC: 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).	Practicum	1 to 6	999	BLD	N	U10		0
EHS	RSP	<b>REC</b>	<b>2010</b>	<b>Recreation and Leisure in Society</b> GEC1: A-F REQUISITE: COURSE DESC: Provides a broad understanding of nature and scope of recreation and leisure in society as well as an introduction to the recreation and leisure services profession.	Lecture	3	0	2SS	N	U30		0
EHS	RSP	<b>REC</b>	<b>2150</b>	<b>Outdoor Recreation and Education</b> 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.	Lecture	3	0		N	U30		50
EHS	RSP	<b>REC</b>	<b>2750</b>	<b>Inclusive Recreation</b> 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.	Lecture	3	0		N	U30		50
EHS	RSP	<b>REC</b>	<b>2900</b>	<b>Special Topics in Recreation</b> GEC3: A-F, REQUISITE: COURSE DESC: Specific course content will vary with offering.	Lecture	1 to 15	999		N	U30		0
EHS	RSP	<b>REC</b>	<b>3050</b>	<b>Recreation Areas and Facilities Management</b> 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.	Lecture	3	0		N	U30		60
EHS	RSP	<b>REC</b>	<b>3100</b>	<b>Recreation Programming</b> 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.	Lecture	3	0		N	U30		65
EHS	RSP	<b>REC</b>	<b>3110</b>	<b>Expedition Planning &amp; Management</b> 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.	Lecture	3	0		N	U30		0
EHS	RSP	<b>REC</b>	<b>3120</b>	<b>Wilderness First Responder</b> 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.	Laboratory	3	0		N	U30		0
EHS	RSP	<b>REC</b>	<b>3120</b>	<b>Wilderness First Responder</b> 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.	Lecture	3	0		N	U30		0
EHS	RSP	<b>REC</b>	<b>3130</b>	<b>Fitness and Wellness Programs in Campus Recreation</b> GEC1: A-F REQUISITE: REC 2010 or 200 COURSE DESC: Examines elements in the organization and administration of fitness and wellness programming in campus recreation programs. 2 lec	Lecture	2	0		N	U30		0

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EHS	RSP	<b>REC</b>	<b>3150</b>	<b>Administration of Aquatic Facilities</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		This course focuses on administration of aquatics facilities. Students are introduced to the mechanical functions of aquatic facilities, management and oversight of aquatic 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	RSP	<b>REC</b>	<b>3160</b>	<b>Social Programming and Special Events in Campus Recreation</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: REC 3100	Examines and applies the concepts of social programming and special events as they relate to collegiate recreation programming. Includes identification of social programming and special event trends, collaborative work with other campus organizations, event planning, budgeting and staffing guidelines, program assessment, and evaluation.							
EHS	RSP	<b>REC</b>	<b>3200</b>	<b>Challenge Course Programming</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: REC 2150	Introduces students to the facilitation and technical skills needed to safely conduct challenge course programs. Specific topics include challenge course facility design, administration of challenge courses, challenge course equipment and supplies, procedures and techniques used in operating low and high course elements, safety and risk management techniques, rescue techniques, group processing and facilitation techniques, and industry standards.							
EHS	RSP	<b>REC</b>	<b>3210</b>	<b>Canoe Instructor Certification</b>	Lecture	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Permission required	Emphasizes various teaching strategies and learning styles in preparing students to provide high quality instruction to beginner canoeists. The student will learn to prepare lesson plans, give presentations, and provide evaluative feedback to students. This is an American Canoe Association canoe instructor certification course. Successful instructor candidates must demonstrate effective group leadership skills, paddling proficiency, technical knowledge and teaching competency.							
EHS	RSP	<b>REC</b>	<b>3220</b>	<b>Whitewater Kayak Instructor Certification</b>	Lecture	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Permission required	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	RSP	<b>REC</b>	<b>3230</b>	<b>Swift Water Rescue</b>	Laboratory	1	2		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: REC 1150 or 1131 or 1141	Teaches recognition and avoidance of common river hazards, execution of self-rescue techniques, and rescue techniques for paddlers in distress. Emphasis is placed both on personal safety and on simple, commonly used skills. Techniques for dealing with hazards that carry greater risks for both victim and rescuer, such as strainers, rescue vest applications, entrapments, and pins, also are practiced. Scenarios will provide an opportunity for participants to practice their skills both individually and within a team/group context.							
EHS	RSP	<b>REC</b>	<b>3240</b>	<b>Outdoor Leadership</b>	Laboratory	9	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Permission required	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	RSP	<b>REC</b>	<b>3250</b>	<b>Master Scuba Diver</b>	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: REC 1221	The Master Scuba Diver course is a certification course for scuba divers who wish to increase their understanding and enjoyment o scuba diving. This is the highest certification in the National Association of Underwater Instructors (NAUI) Recreational Track and helps students develop the knowledge, skills and experience for matriculation into the NAUI Leadership Track.							
EHS	RSP	<b>REC</b>	<b>3250</b>	<b>Master Scuba Diver</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: REC 1221	The Master Scuba Diver course is a certification course for scuba divers who wish to increase their understanding and enjoyment o scuba diving. This is the highest certification in the National Association of Underwater Instructors (NAUI) Recreational Track and helps students develop the knowledge, skills and experience for matriculation into the NAUI Leadership Track.							
EHS	RSP	<b>REC</b>	<b>3270</b>	<b>Coastal Kayak Instructor Certification</b>	Lecture	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: Permission required CR, PR	Emphasizes various teaching strategies and learning styles in preparing students to provide high quality instruction to beginner coastal kayakers. The student will learn to prepare lesson plans, give presentations, and provide evaluative feedback to students. This an American Canoe Association coastal kayak instructor certification course. Successful instructor candidates must demonstrate effective group leadership skills, paddling proficiency, technical knowledge, and teaching competency.							

**MASTER CURRICULUM FILE  
COURSE LISTING  
SORTED BY 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	RSP	<b>REC</b>	<b>3400</b>	<b>Environmental Interpretation</b>	Lecture	3	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: REC 2150								
				The art of interpretation is a process of communication, designed to produce both an emotional and intellectual bond between an audience and the cultural and/or natural resources that are the subject of interpretation. Will help students develop an understanding of the principles and techniques necessary for effective interpretation, with a specific focus on interpreting cultural and natural resources in parks and protected areas. Students will design and construct interpretive materials and address how these materials may serve as an important tool in parks and protected areas management.								
EHS	RSP	<b>REC</b>	<b>3460</b>	<b>Parks &amp; Protected Areas Management</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Soph or Jr or Sr								
				Provides students with an understanding of the principles and practices of parks and protected areas management.								
EHS	RSP	<b>REC</b>	<b>3490</b>	<b>Recreation Administration</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: REC 2010 and 2150 and 2750								
				Administration, management, and leadership concepts and theories. Foundations of management, principles and procedures of human resource management, understanding of the principles and procedures of budgeting and financial management, and legal foundations.								
EHS	RSP	<b>REC</b>	<b>3550</b>	<b>Principles of Ecotourism</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Introduce students to both theory and practical applications of concepts surrounding ecotourism and sustainable development. An understanding of the benefits and weaknesses of ecotourism as a sustainable development approach is the focus of the course. Theory, practice, history, terminology and issues of ecotourism planning and management are examined. Additionally, the motives and behaviors of tourists, natural resources as attractions and destinations, social and resource responsibility and establishing policies and principles for sustainability are discussed.								
EHS	RSP	<b>REC</b>	<b>3620</b>	<b>Convention and Event Planning</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (REC 2010 or RHT 1100) and WARNING: Not COMS 4050 or RHT 3620								
				Synthesis of sequence of events required in planning a convention, meeting, or function in either a professional or social setting.								
EHS	RSP	<b>REC</b>	<b>3630</b>	<b>Festival and Special Event Operations for Parks, Recreation, and Leisure Services</b>	Lecture	3	0		N	U30		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	RSP	<b>REC</b>	<b>3700J</b>	<b>Writing for Recreation Studies</b>	Lecture	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr								
				Allows the student to practice the writing process while investigating current issues and trends in the recreation and leisure field.								
EHS	RSP	<b>REC</b>	<b>3930</b>	<b>Independent Study</b>	Ind Study	1 to 5	5		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Permission required and (Jr or Sr)								
				Student chooses a topic of special interest with the assistance of a faculty member.								
EHS	RSP	<b>REC</b>	<b>4210</b>	<b>Principles of Aging, Physical Activity, and Recreation</b>	Lecture	3	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	RSP	<b>REC</b>	<b>4220</b>	<b>Culture and Diversity in Recreation and Leisure</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: REC 2010 and 2750 and (Jr or Sr)								
				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	RSP	<b>REC</b>	<b>4430</b>	<b>Marketing for Recreation and Leisure Services</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MKT 2020 and jr or sr								
				Application of marketing principles and concepts for the recreation and leisure services industry.								
EHS	RSP	<b>REC</b>	<b>4450</b>	<b>Research and Evaluation Methods in Parks, Recreation &amp; Leisure Studies</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: REC 3050 and 3100 and (PSY 1110 or 2110)								
				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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
SORTED BY 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	RSP	<b>REC</b>	<b>4550</b>	<b>Administration of Aquatic Facilities</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	REC 3050						
		COURSE DESC:		Prepares students to supervise a facility and provides background for the mechanical functions of a pool and the organization of a total aquatic program.								
EHS	RSP	<b>REC</b>	<b>4560</b>	<b>Ecotourism Destinations</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		Provides students with opportunities to examine the principles and practices of ecotourism in action through a Study Abroad experience to select ecotourism destinations. Emphasis is placed on the role of sustainable tourism development strategies in minimizing environmental and cultural impacts of tourism, while also promoting the economic development of host communities in these tourism destinations.								
EHS	RSP	<b>REC</b>	<b>4570</b>	<b>Adventure Travel as a Social Enterprise</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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.								
EHS	RSP	<b>REC</b>	<b>4600</b>	<b>Concepts and Issues in Parks, Recreation, and Leisure Studies</b>	Lecture	3	0	3: CAP	N	U30		60
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	REC 2010						
		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.								
EHS	RSP	<b>REC</b>	<b>4630</b>	<b>Fundraising and Sponsorship Development for Parks, Recreation, and Leisure Services</b>	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	RSP	<b>REC</b>	<b>4740</b>	<b>Facilitating the Adventure Experience</b>	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	RSP	<b>REC</b>	<b>4800</b>	<b>Wilderness Literature</b>	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	RSP	<b>REC</b>	<b>4850</b>	<b>Concepts &amp; Issues in Adventure Programming</b>	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	RSP	<b>REC</b>	<b>4900</b>	<b>Special Topics in Recreation</b>	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	RSP	<b>REC</b>	<b>4910</b>	<b>Internship in Recreation</b>	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	RSP	<b>REC</b>	<b>4920</b>	<b>Practicum in Recreation and Leisure</b>	Practicum	1 to 15	15	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission required						
		COURSE DESC:		PR, F	Provides the recreation major or professional unique practical experiences related to the discipline of recreation and leisure studies.							



**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>REC</b>	<b>5210</b>	<b>Principles of Aging, Physical Activity, and Recreation</b>	Lecture	3	0		N	G40		0
		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.								
EHS	RSP	<b>REC</b>	<b>5220</b>	<b>Culture and Diversity in Recreation and Leisure</b>	Lecture	3	0		N	G40		0
		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.								
EHS	RSP	<b>REC</b>	<b>5240</b>	<b>Outdoor Leadership</b>	Laboratory	9	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Permission required	Intensive 25-to-30-day, field-based course designed to help students develop their knowledge and skills as outdoor leaders. Helps students refine basic wilderness living skills, while developing expertise in specialized modes of wilderness travel. Emphasis is placed on learning the knowledge, skills, and dispositions necessary to conduct safe, enjoyable, and environmentally responsible wilderness-based programs.							
EHS	RSP	<b>REC</b>	<b>5330</b>	<b>Event Planning in Recreation and Leisure Services</b>	Lecture	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: Permission required	Provides students with an opportunity for integrating classroom learning with the practice of event planning in recreational settings.							
EHS	RSP	<b>REC</b>	<b>5400</b>	<b>Environmental Interpretation</b>	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	RSP	<b>REC</b>	<b>5430</b>	<b>Marketing for Recreation &amp; Leisure Services</b>	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	RSP	<b>REC</b>	<b>5460</b>	<b>Parks &amp; Protected Areas Management</b>	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	RSP	<b>REC</b>	<b>5550</b>	<b>Principles of Ecotourism</b>	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	RSP	<b>REC</b>	<b>5560</b>	<b>Ecotourism Destinations</b>	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	RSP	<b>REC</b>	<b>5570</b>	<b>Adventure Travel as a Social Enterprise</b>	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	RSP	<b>REC</b>	<b>5620</b>	<b>Convention &amp; Event Planning</b>	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.							

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>REC</b>	<b>5630</b>	<b>Festival and Special Event Operations for Parks, Recreation, and Leisure Services</b>	Lecture	3	0		N	G40		0
		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.								
EHS	RSP	<b>REC</b>	<b>5740</b>	<b>Facilitating the Adventure Experience</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Designed to help students develop the knowledge and expertise required to facilitate personal and interpersonal development through adventure program experiences. Students explore learning theories on which the practice of facilitation is based, consider various facilitation models & styles, build a repertoire of facilitation skills, and learn to enhance group processes through an analysis of the principles of group dynamics within the context of adventure programming.								
EHS	RSP	<b>REC</b>	<b>5800</b>	<b>Wilderness Literature</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Explore the significance of wilderness in American history and culture. Students will analyze and interpret the works of Thoreau, Muir, Leopold, and others from religious, philosophical, psychological, and historical perspectives. The goal is to help students develop a deeper understanding of the idea of wilderness and in doing so enrich their use of wilderness settings for recreational and educational ends.								
EHS	RSP	<b>REC</b>	<b>5850</b>	<b>Concepts &amp; Issues in Adventure Programming</b>	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	RSP	<b>REC</b>	<b>5900</b>	<b>Special Topics in Recreation</b>	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		CR, PR Specific course content will vary with offering.								
EHS	RSP	<b>REC</b>	<b>5901</b>	<b>Instructional Experience</b>	Clinical	1 to 6	12		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: Permission required CR, PR Supervised practice in organizing and teaching activities in college and recreational settings.								
EHS	RSP	<b>REC</b>	<b>6010</b>	<b>Trends and Global Issues in Recreation and Leisure</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: CR, PR Selected global issues in recreation and research; research reading, discussion analysis, and written reports.								
EHS	RSP	<b>REC</b>	<b>6011</b>	<b>Finance and Marketing in Recreation and Leisure Services</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Examination of financial management and marketing in the public, nonprofit, and commercial sector in recreation and leisure services.								
EHS	RSP	<b>REC</b>	<b>6020</b>	<b>Social Foundations of Recreation and Leisure</b>	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: CR, PR Helps students develop an understanding of the social foundations of recreation and leisure. The writings of historical and contemporary thinkers whose work has contributed to theoretical foundations of recreation and leisure will be examined. Also involves critical analyses of the implicit values and assumptions on which the field of recreation and leisure services is based.								
EHS	RSP	<b>REC</b>	<b>6080</b>	<b>Research Methods and Statistical Applications in Recreation and Leisure</b>	Laboratory	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: CR, 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.								
EHS	RSP	<b>REC</b>	<b>6080</b>	<b>Research Methods and Statistical Applications in Recreation and Leisure</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: CR, 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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
SORTED BY 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	RSP	<b>REC</b>	<b>6170</b>	<b>Leisure and Sport in Society</b>	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	RSP	<b>REC</b>	<b>6490</b>	<b>Administration of Recreation and Leisure Services</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR	Administration of public, non-profit and for-profit recreation and leisure services.							
EHS	RSP	<b>REC</b>	<b>6700</b>	<b>Advanced Issues in Campus Recreation</b>	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	RSP	<b>REC</b>	<b>6800</b>	<b>Philosophy of Experiential Education</b>	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR	Examines the writings of historical and contemporary thinkers who have contributed to the development of the philosophy of experiential education. In addition to examining the philosophical foundations of experiential education, current literature related to the practice of experiential education will be explored and discussed as well.							
EHS	RSP	<b>REC</b>	<b>6900</b>	<b>Special Topics in Recreation</b>	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.							
EHS	RSP	<b>REC</b>	<b>6920</b>	<b>Practicum</b>	Practicum	1 to 6	12		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	Permission required						
		COURSE DESC:		PR, F	Supervised work experience in various recreation settings.							
EHS	RSP	<b>REC</b>	<b>6930</b>	<b>Guided Independent Study</b>	Ind Study	1 to 6	12		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		CR, PR	Selected areas of study with written report based on research.							
EHS	RSP	<b>REC</b>	<b>6932</b>	<b>Special Problems</b>	Ind Study	1 to 6	12		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		CR, PR	Individual research and experimentation of professional issues. Identifies pertinent problems and plans effective attack toward potential solution.							
EHS	RSP	<b>REC</b>	<b>6940</b>	<b>Research Dynamics: Planning and Implementation of the Research Process</b>	Research	1 to 6	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		CR, PR	A hands-on approach to research; developing the idea, establishing the methodology, collecting data, analyzing the data, and writing the results in publication format.							
EHS	RSP	<b>REC</b>	<b>6941</b>	<b>Research Seminar in Recreation and Leisure</b>	Research	1 to 6	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		CR, PR	Based on the assumption that the best way to learn about research is to directly experience the process of scientific inquiry. Consequently students are expected fulfill various research tasks, including identification of research problems, the development of methods to address these problems, collection and analysis of data, and interpretation of the results. Suitable for students interested in writing a thesis or completing a mentored research project.							
EHS	RSP	<b>REC</b>	<b>6950</b>	<b>Thesis</b>	Thesis	1 to 6	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		CR, PR	Thesis projects.							
EHS	RSP	<b>RSP</b>	<b>4100</b>	<b>Professional Development Seminar</b>	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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.								

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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	RSP	<b>SLS</b>	<b>2000</b>	<b>Sport and Physical Activity Skill Development</b>	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	RSP	<b>SLS</b>	<b>2000</b>	<b>Sport and Physical Activity Skill Development</b>	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	RSP	<b>SLS</b>	<b>2900</b>	<b>Special Topics in Sport and Lifestyle Studies</b>	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.								
EHS	RSP	<b>SLS</b>	<b>3010</b>	<b>Ethics and Risk Management in Sport and Physical Activity</b>	Lecture	3	0	BER	N	U30		65
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr	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	RSP	<b>SLS</b>	<b>3900</b>	<b>Professional Development in Sport and Lifestyle Studies</b>	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SLS Major and (jr or sr)	Emphasizes the importance of professional development in the field of sport and physical activity. Focuses on importance of continuing education and resource utilization to remain current and competent in the evolving discipline. Provides students with guidance in navigating career opportunities and advancement; and transitioning throughout their professional career pathway.							
EHS	RSP	<b>SLS</b>	<b>4500</b>	<b>Capstone in Sport and Lifestyle Studies</b>	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Senior in SLS major	This class will serve as a capstone experience for the Sport and Lifestyle Studies major. Students will assimilate materials from previous coursework toward the development of a portfolio. Students will demonstrate their potential contribution to the professional field utilizing a synthesis of prior learning experiences in the development of an extensive service-learning project. The course will challenge students to think critically about a wide variety of complex issues and concepts relevant to the discipline and its future.							
EHS	RSP	<b>SLS</b>	<b>4900</b>	<b>Special Topics in Sport and Lifestyle Studies</b>	Seminar	3	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr	Specific course content will vary with offering to include newly emerging trends or specialized focus topics relevant to the sport and lifestyle professional.							
EHS	RSP	<b>SLS</b>	<b>4930</b>	<b>Aging Inclusion Certificate Capstone</b>	Ind Study	3	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (Jr or Sr) and permission required	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	RSP	<b>T3</b>	<b>4710</b>	<b>Sport Aesthetics</b>	Lecture	3	0	3	N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Sr only	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.							

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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	<b>ECEE</b>	<b>2001</b>	<b>Sophomore Clinical Practice</b>	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	<b>ECEE</b>	<b>2301</b>	<b>Integrated Curriculum in Early Childhood Education</b>	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	<b>ECEE</b>	<b>2400</b>	<b>Infant/Toddler Mental Health and Development</b>	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	<b>ECEE</b>	<b>2500</b>	<b>Learning to Read: Theory and Practice</b>	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	<b>ECEE</b>	<b>2701</b>	<b>Diversity and Awareness in Early Childhood and Elementary Education</b>	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	<b>ECEE</b>	<b>3001</b>	<b>Combined Junior Clinical Experience in Elementary Settings</b>	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	<b>ECEE</b>	<b>3002</b>	<b>Junior Clinical Experiences in Elementary Settings</b>	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	<b>ECEE</b>	<b>3003</b>	<b>Senior Clinical Experiences in Elementary Settings</b>	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	<b>ECEE</b>	<b>3110</b>	<b>Reading to Learn: Content and Practice</b>	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.								

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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	ECEE	3120	<b>Using Reading Assessments to Inform Instruction</b>	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	<b>Methods of Teaching Mathematics for Early Childhood and Elementary Education</b>	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	<b>Methods for Teaching Early Childhood and Elementary Science</b>	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	<b>Methods of Teaching Early Childhood and Elementary Social Studies</b>	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	<b>Guidance and Classroom Management</b>	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	<b>Play &amp; Creativity in Early Childhood &amp; Elementary School</b>	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	<b>Family, School and Community Collaboration</b>	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	<b>Philosophy and Theories of Child Development and Education</b>	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	<b>Authentic Assessment for Early and Elementary Education</b>	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	<b>Actively Engaging and Teaching with Literature and Storytelling Across Content Areas</b>	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.								

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EHS	TEDU	<b>ECEE</b>	<b>4500</b>	<b>Principles and Practices of Curriculum in Early Childhood &amp; Elementary Education</b>	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	<b>EDCR</b>	<b>1010</b>	<b>Democracy and Education</b>	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	<b>EDCR</b>	<b>1010</b>	<b>Democracy and Education</b>	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	<b>EDCR</b>	<b>2010</b>	<b>Childhood in America: Elementary School</b>	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	<b>EDCR</b>	<b>2010</b>	<b>Childhood in America: Elementary School</b>	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	<b>EDCR</b>	<b>2015</b>	<b>Childhood in America: High School</b>	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	<b>EDCR</b>	<b>2100</b>	<b>Introduction to Teaching in a Democratic Classroom</b>	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	<b>EDCR</b>	<b>2900</b>	<b>Special Topics in Education - CARE Partnership</b>	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	<b>EDCR</b>	<b>3100</b>	<b>Advanced Methods for the Democratic Classroom</b>	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	<b>EDCR</b>	<b>3100</b>	<b>Advanced Methods for the Democratic Classroom</b>	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	<b>EDCR</b>	<b>4010</b>	<b>Exhibition in Democratic Education</b>	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	<b>EDCR</b>	<b>4900</b>	<b>Special Topics in Education - CARE Partnership</b>	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	<b>EDEC</b>	<b>1001</b>	<b>Introduction to Early Childhood Education</b>	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	<b>EDEC</b>	<b>1600</b>	<b>Introduction to Child Development</b>	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	<b>EDEC</b>	<b>2001</b>	<b>Sophomore Clinical Experience</b>	Laboratory	1	6		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, CR	REQUISITE:	Early Childhood Education major, Child Development major, or Child and Family Studies major						
		COURSE DESC:		Clinical experience in an early childhood setting that provides an opportunity to interact with children.								
EHS	TEDU	<b>EDEC</b>	<b>2100</b>	<b>Children's Literature and Storytelling in the Early Childhood Classroom</b>	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	<b>EDEC</b>	<b>2300</b>	<b>Emergent Mathematics and Science Birth through Five Years</b>	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.								



**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	EDEC	2301	<b>Emergent Mathematics and Science Birth through Five Years</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Early childhood education major or child development major						
		COURSE DESC:		This course examines examples of early childhood programs, primary elements, and issues that differentiate them. Students learn the selection, preparation, presentation, and evaluation of premath and science activities and materials.								
EHS	TEDU	EDEC	2400	<b>Infant-Toddler Education: Development, Curriculum and Program</b>	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.								
EHS	TEDU	EDEC	2500	<b>Emergent Literacy and Reading</b>	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	<b>Global Early Childhood Education: Programs and Practices</b>	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	<b>Special Topics in Education - Early Childhood</b>	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	<b>Prekindergarten Associate Practicum Seminar</b>	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	<b>Junior Clinical Experiences I</b>	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	<b>Junior Clinical Experiences II</b>	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	<b>Methods of Teaching Reading Grades 1-3</b>	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	<b>Observing Young Children for Reading Strategies and Skills</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>EDEC</b>	<b>3300</b>	<b>Teaching Mathematics in Early Childhood P-3</b>	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	<b>EDEC</b>	<b>3400</b>	<b>Teaching Science in Early Childhood P-3</b>	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.								
EHS	TEDU	<b>EDEC</b>	<b>3500</b>	<b>Teaching Early Childhood Social Studies</b>	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	<b>EDEC</b>	<b>3610</b>	<b>Guidance and Classroom Management in Early Childhood</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDEC 2001 concurrent and C or better in (EDEC 1600 or PSY 2410)						
		COURSE DESC:		This course focuses on developing an understanding of theories and principles of early childhood guidance and discipline. It emphasizes constructive guidance and discipline approaches to classroom management and discipline. Through identifying various developmental, socio-economic and cultural factors influencing student behavior, the course explores reasons behind student behaviors and classroom issues, presents various developmentally appropriate strategies and techniques for classroom use and provides opportunities for early childhood teachers to reflect and develop their own philosophy and repertoire for classroom guidance and discipline.								
EHS	TEDU	<b>EDEC</b>	<b>3611</b>	<b>Guidance and Management in the Primary Classroom</b>	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	<b>EDEC</b>	<b>3700</b>	<b>Diversity in Early Childhood Education</b>	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	<b>EDEC</b>	<b>3701</b>	<b>Diversity in Early Childhood Education</b>	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	<b>EDEC</b>	<b>3801</b>	<b>Play and Creativity in Early Childhood Education</b>	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	<b>EDEC</b>	<b>3929</b>	<b>Practicum in Early Childhood Education</b>	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	<b>EDEC</b>	<b>4004</b>	<b>Senior Practicum in Curriculum Development</b>	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.							

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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	<b>EDEC</b>	<b>4100</b>	<b>Family, School and Community</b>	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	<b>EDEC</b>	<b>4300</b>	<b>Authentic Assessment in Early Childhood Education</b>	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	<b>EDEC</b>	<b>4500</b>	<b>Principles and Practice of Curriculum in Early Childhood</b>	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.								
EHS	TEDU	<b>EDEC</b>	<b>4900</b>	<b>Special Topics in Education - Early Childhood</b>	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	<b>EDEC</b>	<b>6110</b>	<b>Collaboration with Families, Colleagues, and the Community</b>	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	<b>EDEC</b>	<b>6310</b>	<b>Early Childhood Curricula and Methods</b>	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	<b>EDEC</b>	<b>6640</b>	<b>Advanced Child Development</b>	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	<b>EDEC</b>	<b>6900</b>	<b>Special Topics in Education - Early Childhood</b>	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	<b>EDEC</b>	<b>6920</b>	<b>Graduate Practicum I: Early Childhood Education and Early Childhood Special Education</b>	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.								

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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	EDEC	6920	<b>Graduate Practicum I: Early Childhood Education and Early Childhood Special Education</b>	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>Studies of Children and Adolescents</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				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	<b>Special Topics in Education - Elementary</b>	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		CR	Specific course content will vary with offering.							
EHS	TEDU	EDEL	3500	<b>Teaching Social Studies in Elementary and Middle Grade Classrooms</b>	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				Advanced standing in professional education				
		COURSE DESC:		Materials and methods in teaching social studies in elementary and middle grade classrooms, with emphasis on lesson, unit and project development in ways that promote historical perspective-taking and empathy, spatial reasoning and geographic literacy, environmental, cultural and global awareness, and the integration of economics, political science, current events and civic engagement into social studies curriculum for the improvement of community and social life.								
EHS	TEDU	EDEL	3500	<b>Teaching Social Studies in Elementary and Middle Grade Classrooms</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				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	<b>Teaching Social Studies to Fourth and Fifth Graders</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				(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	<b>Advanced Studies of Children and Adolescents</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>Assessment in the Elementary School</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				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	<b>Teaching Reading and Language Arts to Fourth and Fifth Graders</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,				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.							

**MASTER CURRICULUM FILE  
COURSE LISTING  
SORTED BY 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	4250	<b>Teaching Language Arts and Reading to Fourth and Fifth Graders</b>	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	<b>Teaching Mathematics to Fourth and Fifth Graders</b>	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	<b>Teaching Science to Fourth and Fifth Graders</b>	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 Education Generalist Endorsement.								
EHS	TEDU	EDEL	4560	<b>Teaching Social Studies to Fourth and Fifth Graders</b>	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.								
EHS	TEDU	EDEL	4900	<b>Special Topics in Education - Elementary</b>	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	TEDU	EDEL	5150	<b>Teaching Reading and Language Arts to Fourth and Fifth Graders</b>	Lecture	4	0		N	G50		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	5250	<b>Teaching Language Arts and Reading to Fourth and Fifth Graders</b>	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	<b>Teaching Mathematics to Fourth and Fifth Graders</b>	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	<b>Teaching Science to Fourth and Fifth Graders</b>	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 Education Generalist Endorsement.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
SORTED BY 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	5560	<b>Teaching Social Studies to Fourth and Fifth Graders</b> 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.	Lecture	2	0		N	G50		0
EHS	TEDU	EDEL	5790	<b>Integrated Methods and Field Experience</b> 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.	Laboratory	3	0		N	G50		0
EHS	TEDU	EDEL	5790	<b>Integrated Methods and Field Experience</b> 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.	Lecture	3	0		N	G50		0
EHS	TEDU	EDEL	5900	<b>Special Topics in Education - Elementary</b> GEC4: A-F, REQUISITE: COURSE DESC: Specific course content will vary with offering.	Lecture	1 to 15	999		N	G50		0
EHS	TEDU	EDHP	2000	<b>Studies of Children</b> GEC1: A-F REQUISITE: Teacher Candidacy COURSE DESC: Focuses on human development stages in children as encountered in educational settings.	Lecture	3	0		N	U30		0
EHS	TEDU	EDHP	2010	<b>Introduction to Applied Research</b> 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.	Lecture	3	0		N	U30		0
EHS	TEDU	EDHP	2700	<b>Learning Processes in the Classroom</b> 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.	Lecture	3	0		N	U30		0
EHS	TEDU	EDHP	2820	<b>Ideas and Inquiry in Education</b> 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.	Lecture	3	0		N	U30		0
EHS	TEDU	EDHP	3530	<b>Issues in Rural Education</b> 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.	Lecture	3	0		N	U30		0
EHS	TEDU	EDHP	3930J	<b>Undergraduate Research Project</b> 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.	Ind Study	3	0	1J; FAW	N	U30		0
EHS	TEDU	EDHP	4010	<b>Multicultural Field Experience</b> GEC3: A-F, REQUISITE: Admission to COE honors program COURSE DESC: Provides opportunities to work with students in a multicultural setting.	Laboratory	1 to 3	3		N	U30		0
EHS	TEDU	EDHP	4610	<b>Introduction to Differentiation in Education</b> 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.	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	<b>EDMC</b>	<b>2300</b>	<b>Introduction to Teaching Middle Childhood Mathematics</b>	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	<b>EDMC</b>	<b>3000</b>	<b>Introduction to Middle Childhood Education</b>	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	<b>EDMC</b>	<b>3000</b>	<b>Introduction to Middle Childhood Education</b>	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	<b>EDMC</b>	<b>3010</b>	<b>Curriculum Development in Middle Childhood</b>	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	<b>EDMC</b>	<b>3100</b>	<b>Teaching Middle Childhood Language Arts</b>	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	<b>EDMC</b>	<b>3100L</b>	<b>Teaching Middle Childhood Language Arts - Lab</b>	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.								
EHS	TEDU	<b>EDMC</b>	<b>3210</b>	<b>Children's Literature for Middle Childhood</b>	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	<b>EDMC</b>	<b>3300</b>	<b>Teaching Middle Childhood Mathematics</b>	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	<b>EDMC</b>	<b>3300L</b>	<b>Teaching Middle Childhood Mathematics - Lab</b>	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	<b>EDMC</b>	<b>3400</b>	<b>Teaching Middle Childhood Science</b>	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	<b>EDMC</b>	<b>3400L</b>	<b>Teaching Middle Childhood Science - Lab</b>	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	<b>EDMC</b>	<b>3500</b>	<b>Teaching Middle Childhood Social Studies</b>	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.								

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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	<b>EDMC</b>	<b>3500L</b>	<b>Teaching Middle Childhood Social Studies - Lab</b>	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:		Field experience in 4th-9th grade classroom to apply theory and methods learned in EDMC 3500.								
EHS	TEDU	<b>EDMC</b>	<b>4900</b>	<b>Special Topics in Education - Middle Childhood</b>	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.								
EHS	TEDU	<b>EDPL</b>	<b>1000</b>	<b>Freshman Early Field Experience</b>	Laboratory	1 to 2	2		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Admission to COE honors program								
		COURSE DESC:		Field experience for freshmen.								
EHS	TEDU	<b>EDPL</b>	<b>2670</b>	<b>Early Childhood Elementary Education Pre-Primary Internship Seminar</b>	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	<b>EDPL</b>	<b>2900</b>	<b>Special Topics in Education - Professional Laboratory</b>	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:								
		COURSE DESC:		Specific course content will vary with offering.								
EHS	TEDU	<b>EDPL</b>	<b>2910</b>	<b>Early Childhood Elementary Education Pre-Primary Internship</b>	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	<b>EDPL</b>	<b>3600</b>	<b>Field Experience</b>	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	<b>EDPL</b>	<b>3610</b>	<b>Field Service in Education</b>	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	<b>EDPL</b>	<b>3910</b>	<b>Field Experience in Grades 4 &amp; 5</b>	Field	1	2		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: EDEC 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	<b>EDPL</b>	<b>3920</b>	<b>Partnership Practicum</b>	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	<b>EDPL</b>	<b>4560</b>	<b>Professional Internship in Music Education</b>	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.								



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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	<b>EDPL</b>	<b>4570</b>	<b>Professional Internship in Music Education</b>	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:		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	<b>EDPL</b>	<b>4580</b>	<b>Professional Internship in Early Childhood and Elementary Education</b>	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:		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	<b>EDPL</b>	<b>4590</b>	<b>Professional Internship in Early Childhood and Elementary Education</b>	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:		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	<b>EDPL</b>	<b>4600</b>	<b>Observation and Participation in Elementary, Middle and High Schools</b>	Laboratory	1 to 3	3		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE:								
		COURSE DESC:		Extensive participation in school program extending over period of one semester, designed primarily for students with some classroom teaching experience, especially students from other countries.								
EHS	TEDU	<b>EDPL</b>	<b>4610</b>	<b>Professional Internship in Middle Childhood</b>	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	<b>EDPL</b>	<b>4620</b>	<b>Professional Internship in Middle Childhood</b>	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	<b>EDPL</b>	<b>4630</b>	<b>Professional Internship in Adolescence to Young Adult</b>	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	<b>EDPL</b>	<b>4640</b>	<b>Professional Internship in Adolescence to Young Adult</b>	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	<b>EDPL</b>	<b>4650</b>	<b>Professional Internship Seminar</b>	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.								

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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	<b>EDPL</b>	<b>4660</b>	<b>Professional Internship for Advanced Candidates</b>	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	<b>EDPL</b>	<b>4670</b>	<b>Early Childhood Pre-Primary Internship Seminar</b>	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	<b>EDPL</b>	<b>4900</b>	<b>Special Topics in Education - Professional Laboratory</b>	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	<b>EDPL</b>	<b>4910</b>	<b>Professional Internship in Early Childhood</b>	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	<b>EDPL</b>	<b>5600</b>	<b>Internship in Education</b>	Laboratory	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: 6 hours in graduate education courses								
		COURSE DESC:		Internship in school administration, supervision of instruction, or classroom teaching for minimum of one semester, full time.								
EHS	TEDU	<b>EDPL</b>	<b>5610</b>	<b>Internship in Education</b>	Laboratory	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: 6 hours in graduate education courses								
		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	<b>EDPL</b>	<b>5620</b>	<b>Professional Internship</b>	Laboratory	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: (EDPL 5630 and 5650) or concurrent								
		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	<b>EDPL</b>	<b>5630</b>	<b>Professional Internship</b>	Laboratory	1 to 6	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: (EDPL 5620 and 5650) or concurrent								
		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	<b>EDPL</b>	<b>5650</b>	<b>Professional Internship Seminar</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: (EDPL 5620 and 5630) or concurrent								
		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	<b>EDPL</b>	<b>5700</b>	<b>Supervision of Professional Interns</b>	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	<b>EDPL</b>	<b>5900</b>	<b>Special Topics in Education - Professional Laboratory</b>	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.								

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EHS	TEDU	<b>EDPL</b>	<b>5910</b>	<b>Field Experience in Grades 4 &amp; 5</b>	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	<b>EDPL</b>	<b>6900</b>	<b>Special Topics in Education - Professional Laboratory</b>	Laboratory	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Special studies based upon direct experience in supervision of student teachers in campus or public school laboratories.								
EHS	TEDU	<b>EDPL</b>	<b>6910</b>	<b>Seminar in Education</b>	Internship	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Explores research in teaching. Can be used as preparatory seminar to EDPL 6920.								
EHS	TEDU	<b>EDPL</b>	<b>6920</b>	<b>Internship: Theory Into Practice</b>	Practicum	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Theory into practice internship based upon research findings in EDTE 6910.								
EHS	TEDU	<b>EDPL</b>	<b>6936</b>	<b>Field Experience in Teaching Physical Education K-12</b>	Laboratory	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: EDTE 6936 concurrent								
		COURSE DESC:		PR, F 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	<b>EDPL</b>	<b>7600</b>	<b>Internship in Education</b>	Laboratory	1 to 3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: 6 hours in graduate education courses								
		COURSE DESC:		CR, PR 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	<b>EDPL</b>	<b>7610</b>	<b>Internship in Education</b>	Laboratory	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: 6 hours in graduate education courses								
		COURSE DESC:		CR, PR 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	<b>EDPL</b>	<b>7900</b>	<b>Internship: Theory Into Practice</b>	Laboratory	1 to 3	3		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Special studies based upon direct experience in supervision of student teachers in campus or public school laboratories.								
EHS	TEDU	<b>EDSE</b>	<b>2500</b>	<b>Analysis of Teaching Characteristics and Teaching Tasks</b>	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	<b>EDSE</b>	<b>2500L</b>	<b>Analysis of Teaching Characteristics and Teaching Tasks Field Experience</b>	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.								

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EHS	TEDU	<b>EDSE</b>	<b>2900</b>	<b>Special Topics in Education - Secondary</b>	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content varies with offering.								
EHS	TEDU	<b>EDSE</b>	<b>2970T</b>	<b>Secondary Education Honors Tutorial</b>	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	<b>EDSE</b>	<b>2980T</b>	<b>Secondary Education Honors Tutorial</b>	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	<b>EDSE</b>	<b>2981T</b>	<b>Secondary Education Honors Tutorial</b>	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.								
EHS	TEDU	<b>EDSE</b>	<b>3500</b>	<b>Secondary School Planning and Management of Instruction</b>	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	<b>EDSE</b>	<b>3510</b>	<b>Secondary School Teaching and Monitoring of Learning</b>	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	<b>EDSE</b>	<b>3511</b>	<b>Instruction Process and Curriculum</b>	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	<b>EDSE</b>	<b>3970T</b>	<b>Secondary Education Honors Tutorial</b>	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	<b>EDSE</b>	<b>3980T</b>	<b>Secondary Education Honors Tutorial</b>	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	<b>EDSE</b>	<b>3990H</b>	<b>Teaching English Language Learners</b>	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	<b>EDSE</b>	<b>4150</b>	<b>Curriculum Studies: Secondary School</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Jr or Sr CR								
		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.								

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EHS	TEDU	<b>EDSE</b>	<b>4200</b>	<b>Teaching Content Literacy</b>	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	<b>EDSE</b>	<b>4200</b>	<b>Teaching Content Literacy</b>	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.								
EHS	TEDU	<b>EDSE</b>	<b>4320</b>	<b>Evaluation of Student Progress</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>EDSE</b>	<b>4400</b>	<b>Secondary School Science Methods</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDSE 3510 and (Jr or Sr)						
		COURSE DESC:		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	<b>EDSE</b>	<b>4400L</b>	<b>Secondary School Science Teaching Lab</b>	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	EDSE 4400 or concurrent PR, F						
		COURSE DESC:		Practicum in approved school settings enables university students to teach school science students, building from small-group instruction to extended teaching of entire classes. College students also participate in science fairs, contests, and olympiads.								
EHS	TEDU	<b>EDSE</b>	<b>4720</b>	<b>Teaching Earth Science</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDSE 3510						
		COURSE DESC:		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	<b>EDSE</b>	<b>4720L</b>	<b>Teaching Earth Science Lab</b>	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDSE 4720 concurrent						
		COURSE DESC:		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	<b>EDSE</b>	<b>4780</b>	<b>Teaching Physical Science</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDSE 3510						
		COURSE DESC:		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	<b>EDSE</b>	<b>4780L</b>	<b>Teaching Physical Science Lab Field Experience</b>	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDSE 4780 concurrent						
		COURSE DESC:		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	<b>EDSE</b>	<b>4790C</b>	<b>Introduction to Teaching Secondary Social Studies</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDSE 3510 or concurrent						
		COURSE DESC:		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	<b>EDSE</b>	<b>4790L</b>	<b>Teaching Secondary Social Studies Field Experience</b>	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EDSE 4790 or concurrent						
		COURSE DESC:		Field experience focuses on applying the knowledge gained in EDSE 4790 to curriculum planning by allowing candidates to move from theory to practice by developing and teaching social studies lessons in the classroom setting.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
SORTED BY 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	<b>EDSE</b>	<b>4900</b>	<b>Special Topics in Secondary Education</b>	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	<b>EDSE</b>	<b>4970T</b>	<b>Secondary Education Honors Tutorial</b>	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	<b>EDSE</b>	<b>4980T</b>	<b>Secondary Education Honors Tutorial</b>	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	<b>EDSP</b>	<b>2300</b>	<b>Teaching Mathematics for Diverse Learners</b>	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	<b>EDSP</b>	<b>2710</b>	<b>Introduction to Special Education</b>	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	<b>EDSP</b>	<b>2730</b>	<b>Current Issues in Special Education (MM, MI)</b>	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	<b>EDSP</b>	<b>2900</b>	<b>Special Topics in Education - Special</b>	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	<b>EDSP</b>	<b>3550</b>	<b>Technological Applications in Special Education</b>	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	<b>EDSP</b>	<b>3600</b>	<b>Field Experience in Special Education/Mild to Moderate Educational Needs</b>	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	<b>EDSP</b>	<b>3600</b>	<b>Field Experience in Special Education/Mild to Moderate Educational Needs</b>	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	<b>EDSP</b>	<b>3610</b>	<b>Field Experience in Special Education/Moderate to Intensive Educational Needs</b>	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.								

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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	EDSP	3610	<b>Field Experience in Special Education/Moderate to Intensive Educational Needs</b>	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	<b>Understanding and Guiding Behavior: Effective Classroom Practices</b>	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	<b>Intensive Behavior Interventions</b>	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	<b>Methods for Learners with Mild to Moderate Educational Needs</b>	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	<b>Career Development and Transition Planning for Learners with Special Needs</b>	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	<b>Field Experience in Special Education--Mild to Moderate Educational Needs</b>	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	<b>Field Experience in Special Education--Moderate to Intensive Educational Needs</b>	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	<b>Methods for Learners with Moderate to Intensive Educational Needs</b>	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	<b>Collaboration, Curriculum Consultation, Co-Teaching and Teaming in Special Education</b>	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.								

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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	<b>EDSP</b>	<b>4850</b>	<b>Assessment of Learners with Special Needs</b>	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	<b>EDSP</b>	<b>4900</b>	<b>Special Topics in Education - Special</b>	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	<b>EDSP</b>	<b>5300</b>	<b>Teaching Mathematics for Diverse Learners</b>	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	<b>EDSP</b>	<b>5700</b>	<b>Nature and Needs of Persons with Exceptionalities</b>	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	<b>EDSP</b>	<b>5710</b>	<b>Intensive Behavior Interventions</b>	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	<b>EDSP</b>	<b>5720</b>	<b>Career Development and Transition Planning for Individuals with Disabilities</b>	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	<b>EDSP</b>	<b>5721</b>	<b>Transition Assessment and Instruction for Students with Disabilities</b>	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	<b>EDSP</b>	<b>5721</b>	<b>Transition Assessment and Instruction for Students with Disabilities</b>	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	<b>EDSP</b>	<b>5722</b>	<b>Professional Competencies in the Transition of Students with Disabilities</b>	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.								



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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	5722	<b>Professional Competencies in the Transition of Students with Disabilities</b> 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.	Lecture	3	0		N	G50		0
EHS	TEDU	EDSP	5723	<b>Transition Career Development: Research and Theory</b> GEC1: A-F REQUISITE: 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.	Lecture	3	0		N	G50		0
EHS	TEDU	EDSP	5730	<b>Assessment of Learners with Special Needs</b> GEC4: A-F, REQUISITE: EDSP 5700 CR, PR COURSE DESC: Covers standardized norm referenced, formative, summative, family and ecological methods of assessment, screening and classification, collection and appropriate application of assessment data utilizing laboratory and field experiences. Legal and ethical issues related to the assessment and evaluation of learners with exceptional needs covered. Designed for candidates in the mild-moderate (GC), moderate-intensive and (IC) and early childhood (EC) Intervention Specialist areas.	Lecture	3	0		N	G50		0
EHS	TEDU	EDSP	5740	<b>Understanding and Guiding Behavior: Effective Classroom Practices</b> GEC4: A-F, REQUISITE: EDSP 5700 CR, PR 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.	Lecture	3	0		N	G50		0
EHS	TEDU	EDSP	5750	<b>Collaboration, Curriculum Consultation, Teaming and Co-Teaching in Special Education</b> GEC4: A-F, REQUISITE: EDSP 5700 CR, PR COURSE DESC: Comprehensive overview and development of professional competencies related to research/evidence based practice, standards-based curriculum development, access to the general education curriculum, collaboration, consultation and co-teaching in special education. Content includes the selection and use of research/evidence based practices, collaboration and consultation processes, curriculum development/co-planning (developing unit of study), universal design for learning (UDL), adaptations and modifications of curricula and instruction to meet learner needs, communicating with professionals and parents, working in teams, legal and ethical issues, interagency and interdisciplinary collaboration, and collaborating with families of students with special needs. The course is designed for candidates in the Mild-Moderate (GC), Moderate-Intensive and (IC) and Early Childhood (EC) Intervention Specialist areas.	Lecture	3	0		N	G50		0
EHS	TEDU	EDSP	5760	<b>Current Issues in Special Education (MM, MI, ECIS)</b> GEC4: A-F, REQUISITE: EDSP 5700 CR, PR COURSE DESC: Comprehensive analysis of etiology, characteristics, and assessment of learners with mild to intensive needs from pre-K through grade 12. Educational services, academic, cognitive, medical, behavioral, social, communicative, and psychosocial needs, assistive devices, legal, ethical, cultural, family, self-determination, and advocacy issues are studied in relation to the characteristics and needs of learners from birth to adulthood.	Lecture	3	0		N	G50		0
EHS	TEDU	EDSP	5770	<b>Methods for Learners with Moderate to Intensive Educational Needs</b> GEC4: A-F, REQUISITE: EDSP 5700 CR, PR COURSE DESC: Design and application of multifaceted/transdisciplinary assessment procedures, curricular adoption/development, IEP transition, technology planning, proficiency testing/alternatives, instructional strategies including age-appropriate, functional, and community reference skills; use of positive behavioral supports; educational, adaptive equipment, assistive devices, and instructional materials to promote self-determination. Methods applied through case-based instruction, hands-on participation, and cooperative teaming.	Lecture	3	0		N	G50		0
EHS	TEDU	EDSP	5790	<b>Methods and Materials for Learners with Mild-Moderate Educational Needs</b> GEC4: A-F, REQUISITE: EDSP 5700 CR, PR COURSE DESC: Methods of identifying children's academic and behavioral problems, and implementing effective, culturally appropriate remedial procedures. Detailed study of instruction in content areas including the development of goals, objectives, and lessons for individuals with mild to moderate learning needs (including learning disabilities, mild mental retardation, and behavior disorders). The course will attend to the Special Education Program's focus at Ohio University which centers on the delivery of quality services within limited resource environments.	Lecture	3	0		N	G50		0

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EHS	TEDU	<b>EDSP</b>	<b>5800</b>	<b>Typical and Atypical Early Development</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>EDSP</b>	<b>5810</b>	<b>Methods for Early Childhood Special Education Learners</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: EDSP 5700 CR, PR	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	<b>EDSP</b>	<b>5820</b>	<b>Assessment of Young Children with Exceptionalities</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	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	<b>EDSP</b>	<b>5900</b>	<b>Special Topics in Education - Special</b>	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	TEDU	<b>EDSP</b>	<b>5990</b>	<b>Nature and Needs of Students with Gifts and Talents</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	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	<b>EDSP</b>	<b>6100</b>	<b>Nature and Needs of Young Children with Exceptionalities</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	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	<b>EDSP</b>	<b>6210</b>	<b>Advanced Assessment Practices in Early Childhood General and Special Education</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	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	<b>EDSP</b>	<b>6700</b>	<b>Technological Applications in Special Education</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: EDSP 5700 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	<b>Advanced Differentiated/ Instructional Adaptations</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Admission to Advanced Master's Program (ME6249) CR, PR								
		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	<b>Practicum in Moderate-Intensive Educational Needs</b>	Seminar	2 to 6	6		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		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	<b>Graduate Practicum in Mild-Moderate Educational Needs</b>	Seminar	2 to 6	6		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		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	<b>Graduate Practicum in Early Childhood Special Education</b>	Seminar	2 to 6	6		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		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	<b>Practicum in Differentiated Instruction/Universal Design for Learning</b>	Practicum	2 to 6	6		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		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	<b>Practicum in Differentiated Instruction/Universal Design for Learning</b>	Seminar	2 to 6	6		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		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	<b>Special Topics in Education - Special</b>	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	EDSP	6920	<b>Graduate Practicum II: Early Childhood Education and Early Childhood Special Education</b>	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	<b>Graduate Practicum II: Early Childhood Education and Early Childhood Special Education</b>	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  
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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	1000	<b>Introduction to Teacher Education</b>	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	<b>Introduction to Hip-Hop Based Education</b>	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	<b>Learning and Human Development</b>	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	<b>Characteristics of Learners with Exceptionalities</b>	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	<b>Field Experience in Education</b>	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	<b>Introduction to Youth Culture</b>	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	<b>Phonics and the Structure of Language</b>	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	<b>Issues in Global Education</b>	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	<b>Special Topics in Education - Teacher Education</b>	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	<b>Teaching Ohio in the Curriculum</b>	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.								

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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	3250	<b>Literature-Centered Developmental Reading Instruction</b> GEC1: A-F REQUISITE: EDTE 2200 and Admission to Advanced Standing Provides pre-service teacher candidates with the skills necessary to help P-12 students develop appropriate literacy skills. Designed to provide an overview of current instructional practices and techniques of reading instruction and the opportunity to examine and adapt these techniques with peers. Specific emphasis on the use of literature to facilitate the teaching of reading and writing techniques. Text and supplementary reading, lecture, demonstration, discussion, multimedia resources, observations and participation in schools, and projects for practical competence are part of the class procedures.	Lecture	3	0		N	U30		0
EHS	TEDU	EDTE	3500	<b>Globalization in Education</b> GEC1: A-F REQUISITE: Examines the impact of globalization on education from the perspective of a human capital model, progressive education model, religious education model, and indigenous education world model.	Lecture	3	0		N	U30		0
EHS	TEDU	EDTE	3710	<b>Instructional Adaptations for Early Childhood Learners with Exceptionalities and Diverse Needs</b> GEC2: A-F, PR REQUISITE: Admission to Advanced Standing and 2.75 GPA 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	<b>Instructional Adaptations for Middle Childhood Learners with Exceptionalities and Diverse Needs</b> GEC2: A-F, PR REQUISITE: Admission to Advanced standing and 2.75 GPA 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	<b>Instructional Adaptations for Adolescent-Young Adult Learners with Exceptionalities &amp; Diverse Needs</b> GEC2: A-F, PR REQUISITE: (EDSE 3500 or concurrent) and Admission to Advanced Standing and 2.75 GPA Course combines with clinical/field experience to develop skills needed by educators at the adolescent to young adult levels in order to work with learners who are exceptional and diverse needs in inclusive classrooms. Content includes curriculum modifications, selection and appropriate uses of reading materials, instructional and reading adaptations, classroom management adaptations, effective collaboration strategies, accessing related and support services, and skills required for instructing and managing an inclusive classroom.	Lecture	3	0		N	U30		0
EHS	TEDU	EDTE	4110	<b>Developing Thinking Skills</b> GEC1: A-F REQUISITE: 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
EHS	TEDU	EDTE	4200	<b>Teaching Literacy in the Content Areas</b> GEC1: A-F REQUISITE: Admission to Advanced Standing 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.	Lecture	3	0		N	U30		0
EHS	TEDU	EDTE	4210	<b>Foundations of Reading Instruction, Diagnosis, and Remediation for Classroom Teachers</b> GEC1: A-F REQUISITE: EDTE 2200 and 3250 and Admission to Advanced Standing and 2.75 GPA 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.	Laboratory	3	0		N	U30		0

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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	4210	<b>Foundations of Reading Instruction, Diagnosis, and Remediation for Classroom Teachers</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	U30		0
				GEC1: A-F REQUISITE: EDTE 2200 and 3250 and Admission to Advanced Standing and 2.75 GPA 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	<b>Assessing and Teaching Struggling Readers</b> ELIGIBLE GRADES: COURSE DESC:	Laboratory	3	0		N	U30		0
				GEC1: A-F REQUISITE: (EDEC 2100 and 2500 and 3120) or (EDTE 3250 and 4210) 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	<b>Assessing and Teaching Struggling Readers</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	U30		0
				GEC1: A-F REQUISITE: (EDEC 2100 and 2500 and 3120) or (EDTE 3250 and 4210) 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	<b>Reading Practicum</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	U30		0
				GEC1: A-F REQUISITE: EDTE 4220 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	<b>Overseas Student Teaching</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		I	U30		0
				GEC1: A-F REQUISITE: Permission required This course prepares teacher candidates for participation in the Consortium for Overseas Student Teaching.								
EHS	TEDU	EDTE	4430	<b>Teaching Environmental Education</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	U30		0
				GEC1: A-F REQUISITE: 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	<b>Special Topics in Education - Teacher Education</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	1 to 15	999		N	U30		0
				GEC3: A-F, REQUISITE: CR Specific course content will vary with offering.								
EHS	TEDU	EDTE	5100	<b>Principles of Curriculum</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G50		0
				GEC4: A-F, REQUISITE: CR, PR 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	<b>Principles of Curriculum - Laboratory</b> ELIGIBLE GRADES: COURSE DESC:	Laboratory	1	0		N	G50		0
				GEC4: A-F, REQUISITE: EDTE 5100 concurrent CR, PR Lab companion course for EDTE 5100.								
EHS	TEDU	EDTE	5110	<b>Developing a Thinking Skills Program for the Elementary/Secondary Classroom</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G50		0
				GEC4: A-F, REQUISITE: CR, PR 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	<b>Literature-Centered Developmental Reading Instruction</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G50		0
				GEC4: A-F, REQUISITE: CR, PR 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.								

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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	<b>EDTE</b>	<b>5201</b>	<b>Theoretical Foundations of Reading Instruction</b>	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	<b>EDTE</b>	<b>5210</b>	<b>Foundation of Language and Diversity</b>	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	<b>EDTE</b>	<b>5210</b>	<b>Foundation of Language and Diversity</b>	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	<b>EDTE</b>	<b>5220</b>	<b>Assessing and Teaching Struggling Readers</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		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	<b>EDTE</b>	<b>5221</b>	<b>Diagnosis: Reading/Language Arts</b>	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	<b>EDTE</b>	<b>5230</b>	<b>Reading/Language: Laboratory</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		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	<b>EDTE</b>	<b>5240</b>	<b>Literature for Children and Adolescents</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		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.								
EHS	TEDU	<b>EDTE</b>	<b>5250</b>	<b>Reading Instruction</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Focuses on core and remedial reading instruction.								
EHS	TEDU	<b>EDTE</b>	<b>5260</b>	<b>Teaching Literacy in the Content Areas</b>	Lecture	3	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR 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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
SORTED BY 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	<b>EDTE</b>	<b>5261</b>	<b>Secondary Reading Instruction</b>	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	<b>EDTE</b>	<b>5270</b>	<b>Phonics and the Structure of Language</b>	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	<b>EDTE</b>	<b>5300</b>	<b>Teaching Middle Childhood Mathematics</b>	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	<b>EDTE</b>	<b>5400</b>	<b>New Programs and Practices in Science</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	EDTE 5100						
		COURSE DESC:		CR, PR 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	<b>EDTE</b>	<b>5410</b>	<b>New Topics in Science and Science Education</b>	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	<b>EDTE</b>	<b>5420</b>	<b>Seminar in Science Education</b>	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	<b>EDTE</b>	<b>5510</b>	<b>Teaching Middle Childhood Social Studies</b>	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	<b>EDTE</b>	<b>5510L</b>	<b>Teaching Middle Childhood Social Studies - Lab</b>	Laboratory	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	EDTE 5510 concurrent						
		COURSE DESC:		CR, PR Companion lab course for EDTE 5510.								
EHS	TEDU	<b>EDTE</b>	<b>5600</b>	<b>Advanced Studies of Children and Adolescents</b>	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.								



**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	5610	<b>Advanced Studies of Children</b>	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	<b>Issues in Teaching and Learning</b>	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	<b>Special Topics in Education - Teacher Education</b>	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	<b>Teaching Fellow Seminar I</b>	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	<b>Teaching Fellow Seminar II</b>	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	<b>Early Childhood Curriculum</b>	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	<b>Supervision of Instruction</b>	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	<b>Middle Childhood Curriculum</b>	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	<b>High School Curriculum</b>	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	<b>EDTE</b>	<b>6140</b>	<b>Analysis of Supervisory Systems</b>	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	<b>EDTE</b>	<b>6160</b>	<b>Managing and Monitoring Student Learning</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: EDTE 5100 and 5100L and 5600 PR								
		COURSE DESC:		This course is designed to help general education teachers and general education teacher candidates, with a focus on grades 7-12 become more proficient at managing classroom procedures as well as student behavior. In addition this class will give teachers and teacher candidates the skills needed to use classroom assessment data more efficiently and effectively through analysis and application, thereby promoting data-driven decision making and problem solving based on collected data.								
EHS	TEDU	<b>EDTE</b>	<b>6161</b>	<b>Issues in Adult Education</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Focuses on issues in adult education.								
EHS	TEDU	<b>EDTE</b>	<b>6170</b>	<b>Introduction to Teaching Portfolio</b>	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	<b>EDTE</b>	<b>6230</b>	<b>Coaching Classroom Teachers in Reading/Literacy</b>	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	<b>EDTE</b>	<b>6400</b>	<b>Teacher as Advocate and Leader</b>	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	<b>EDTE</b>	<b>6400</b>	<b>Teacher as Advocate and Leader</b>	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	<b>EDTE</b>	<b>6410</b>	<b>Teaching Science and Social Studies to Young Children</b>	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  
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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	6600	<b>Advanced Principles of Teaching</b>	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	<b>Laboratory in Advanced Principles of Teaching and Learning</b>	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	<b>Teacher as Action Researcher</b>	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. Candidates will be involved in an action research study relevant to their teaching context. The course will provide candidates with guided practice as they inquire into and reflect on their practice. The course allows candidates to apply research and bibliographic methods and resources necessary for inquiry into practice.								
EHS	TEDU	EDTE	6900	<b>Special Topics in Education - Teacher Education</b>	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	<b>Research in Education</b>	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	<b>Methods for Teaching Earth/Life/ and Physical Science</b>	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	<b>Lab in Methods for Teaching Earth/Life/ and Physical Science</b>	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	<b>Methods of Teaching Middle Childhood English Language Arts</b>	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	<b>Field Experience in Teaching Middle Childhood English Language Arts</b>	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	<b>Method of Teaching Physical Education K-12</b>	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	<b>Master Research Project</b>	Research	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		Master research project.								

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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	6950	<b>Master's Thesis</b>	Thesis	3 to 6	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		Master's thesis project.								
EHS	TEDU	EDTE	6980	<b>Introduction to Teaching Secondary Social Studies</b>	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	<b>Lab in Social Studies Methods</b>	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	<b>Principles of Middle Level Education</b>	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	<b>Advanced Seminar in Middle Level Education</b>	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	<b>Theories of Curriculum and Curriculum Change</b>	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	<b>Observing Instruction and Assessing Learners Outcomes in Classrooms and Other Settings</b>	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	<b>Dynamics of Curriculum Change</b>	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	<b>Foundations of Elementary Reading Instructions</b>	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR 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	<b>Foundations of Language Instruction</b>	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.								

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EHS	TEDU	<b>EDTE</b>	<b>7220</b>	<b>Diagnosis: Reading/Language</b>	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	<b>EDTE</b>	<b>7230</b>	<b>Laboratory Reading/Language</b>	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	<b>EDTE</b>	<b>7230</b>	<b>Laboratory Reading/Language</b>	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	<b>EDTE</b>	<b>7240</b>	<b>Literature for Children and Adolescents</b>	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	<b>EDTE</b>	<b>7260</b>	<b>Secondary Reading Instruction</b>	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	<b>EDTE</b>	<b>7260</b>	<b>Secondary Reading Instruction</b>	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	<b>EDTE</b>	<b>7300</b>	<b>Curriculum in Mathematics Education</b>	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	<b>EDTE</b>	<b>7370</b>	<b>Piaget's Theory of Constructivism and Its Application in Education</b>	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	<b>EDTE</b>	<b>7370</b>	<b>Piaget's Theory of Constructivism and Its Application in Education</b>	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	<b>EDTE</b>	<b>7380</b>	<b>Democratic Education and other Progressive Models</b>	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.								

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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	<b>EDTE</b>	<b>7400</b>	<b>Curriculum in Science Education</b>	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	<b>EDTE</b>	<b>7500</b>	<b>Inquiry and Value Clarification in Social Studies</b>	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	<b>EDTE</b>	<b>7600</b>	<b>Readings and Research in Human Development</b>	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	<b>EDTE</b>	<b>7900</b>	<b>Advanced Seminar in Education Research</b>	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	<b>EDTE</b>	<b>7920</b>	<b>Curriculum and Instruction Practicum</b>	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	<b>EDTE</b>	<b>8000</b>	<b>Advanced Dynamics of Human Learning</b>	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	<b>EDTE</b>	<b>8020</b>	<b>Dynamics of Change in Education</b>	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	<b>EDTE</b>	<b>8040</b>	<b>Writing for Publication</b>	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	<b>EDTE</b>	<b>8100</b>	<b>Seminar in Theories and Practices for Mentoring</b>	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	<b>EDTE</b>	<b>8200</b>	<b>Research and Curriculum in Elementary Education Reading</b>	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.								

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EHS	TEDU	<b>EDTE</b>	<b>8230</b>	<b>Research and Curriculum in the Literacy Clinic</b>	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	<b>EDTE</b>	<b>8240</b>	<b>Research and Curriculum: Literature in a Reading/Literacy Program</b>	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	<b>EDTE</b>	<b>8310</b>	<b>Practicum in Mathematics</b>	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	<b>EDTE</b>	<b>8500</b>	<b>Seminar in Social Studies Curriculum</b>	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	<b>EDTE</b>	<b>8510</b>	<b>Seminar in Social Studies Research</b>	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	<b>EDTE</b>	<b>8520</b>	<b>Seminar in Social Studies Education Research</b>	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	<b>EDTE</b>	<b>8700</b>	<b>Legal Issues in Special Education</b>	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	<b>EDTE</b>	<b>8720</b>	<b>Critical Issues and Current Trends in Special Education</b>	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	<b>EDTE</b>	<b>8740</b>	<b>Applied Research in Disabilities</b>	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	<b>EDTE</b>	<b>8900</b>	<b>Special Topics in Education - Teacher Education</b>	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	<b>EDTE</b>	<b>8912</b>	<b>Research and Curriculum: Language and Literacy</b>	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.								

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EHS	TEDU	<b>EDTE</b>	<b>8920</b>	<b>Practicum in Special Education</b>	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	<b>EDTE</b>	<b>8920</b>	<b>Practicum in Special Education</b>	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	<b>EDTE</b>	<b>8921</b>	<b>Practicum in Secondary Education English</b>	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	<b>EDTE</b>	<b>8922</b>	<b>Practicum in Secondary Education- Modern Foreign Languages</b>	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	<b>EDTE</b>	<b>8923</b>	<b>Practicum in Science Education</b>	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	<b>EDTE</b>	<b>8930</b>	<b>Independent Study in Education</b>	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	<b>EDTE</b>	<b>8940</b>	<b>Research in Mathematics Education</b>	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	<b>EDTE</b>	<b>8941</b>	<b>Research in Science Education</b>	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	<b>EDTE</b>	<b>8950</b>	<b>Dissertation</b>	Thesis	1 to 15	15		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Dissertation research.								
EHS	TEDU	<b>T3</b>	<b>4730</b>	<b>Childhood in America and its Historical and Sociocultural Impact on the Society in Which We Live</b>	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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ENT	AVN	<b>AVN</b>	<b>1000</b>	<b>Introduction to Aviation</b>	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	<b>AVN</b>	<b>1100</b>	<b>Private Pilot Ground School</b>	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	<b>AVN</b>	<b>2000</b>	<b>Introduction To Unmanned Aerial Systems (UAS) Operations</b>	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	<b>AVN</b>	<b>2400</b>	<b>Private Pilot Flight Course</b>	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	<b>AVN</b>	<b>2403</b>	<b>Private Pilot Flight Transfer Course</b>	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	<b>AVN</b>	<b>2900</b>	<b>Special Topics in Aviation</b>	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	<b>AVN</b>	<b>3000</b>	<b>Aviation Laws and Regulations</b>	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	<b>AVN</b>	<b>3050</b>	<b>Aviation Weather</b>	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	<b>AVN</b>	<b>3100</b>	<b>Instrument Pilot Ground School</b>	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	<b>AVN</b>	<b>3150</b>	<b>Aviation Safety</b>	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	<b>AVN</b>	<b>3250J</b>	<b>Professional Aviation Communication</b>	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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ENT	AVN	<b>AVN</b>	<b>3400</b>	<b>Cross-Country Flight</b>	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	<b>AVN</b>	<b>3500</b>	<b>Commercial Pilot Ground School</b>	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	<b>AVN</b>	<b>3600</b>	<b>The National Airspace System</b>	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	<b>AVN</b>	<b>3600</b>	<b>The National Airspace System</b>	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	<b>AVN</b>	<b>3700</b>	<b>Aircraft Systems &amp; Powerplants</b>	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	<b>AVN</b>	<b>3800</b>	<b>General Aviation Operations and Management</b>	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	<b>AVN</b>	<b>3900</b>	<b>Airline Operations Management</b>	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	<b>AVN</b>	<b>4000</b>	<b>Instrument Flight Course</b>	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	<b>AVN</b>	<b>4050</b>	<b>Advanced Cross Country Flight</b>	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	<b>AVN</b>	<b>4100</b>	<b>Aviation Ground Instructor Ground School</b>	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	<b>AVN</b>	<b>4150</b>	<b>Instrument Proficiency Check</b>	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	<b>AVN</b>	<b>4200</b>	<b>Commercial Flight</b>	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	<b>AVN</b>	<b>4300</b>	<b>Multi-Engine Flight Course</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>AVN</b>	<b>4350</b>	<b>Flight Engineer</b>	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	<b>AVN</b>	<b>4400</b>	<b>Flight Instructor Ground School</b>	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	<b>AVN</b>	<b>4450</b>	<b>Flight Instructor Flight Course</b>	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	<b>AVN</b>	<b>4500</b>	<b>Instrument Instructor Ground Instruction</b>	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	<b>AVN</b>	<b>4550</b>	<b>Instrument Instructor Flight Course</b>	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	<b>AVN</b>	<b>4600</b>	<b>ATP Ground Instruction</b>	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	<b>AVN</b>	<b>4620</b>	<b>Multi-Engine Cross-Country Flight Course</b>	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	<b>AVN</b>	<b>4650</b>	<b>Flight Instructor Operations - Multi-Engine</b>	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Flight instructor certificate- Instrument certificate- Commercial multiengine certificate						
		COURSE DESC:		PR FAA mandated flight instruction in multi-engine operations and instruction practices, analysis of maneuvers, and practice teaching of multi-engine procedures.								
ENT	AVN	<b>AVN</b>	<b>4700</b>	<b>ATP Multi-Engine Flight Course</b>	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	<b>AVN</b>	<b>4750</b>	<b>Internship in Aviation Operations</b>	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	<b>AVN</b>	<b>4800</b>	<b>Business in Aviation</b>	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	<b>AVN</b>	<b>4850</b>	<b>Advanced Aircraft and Flight Crew Operations</b>	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	<b>AVN</b>	<b>4850</b>	<b>Advanced Aircraft and Flight Crew Operations</b>	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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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	AVN	<b>AVN</b>	<b>4860</b>	<b>Principles of Corporate Flight Operations</b>	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	<b>AVN</b>	<b>4870</b>	<b>Corporate Flight Operations Internship</b>	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	<b>AVN</b>	<b>4890</b>	<b>Transition to Aviation Industry</b>	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	<b>AVN</b>	<b>4900</b>	<b>Special Topics in Aviation</b>	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,				REQUISITE:				
		COURSE DESC:		CR	Specific course content will vary with offering.							

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	CE	<b>CE</b>	<b>2000</b>	<b>Civil Engineering Fundamentals</b>	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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	<b>CE</b>	<b>2010</b>	<b>Civil Engineering Computational Techniques</b>	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	<b>CE</b>	<b>2010</b>	<b>Civil Engineering Computational Techniques</b>	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	<b>CE</b>	<b>2100</b>	<b>Elements of Land Surveying</b>	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	<b>CE</b>	<b>2100</b>	<b>Elements of Land Surveying</b>	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	<b>CE</b>	<b>2160</b>	<b>Construction Engineering and Management</b>	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	<b>CE</b>	<b>2220</b>	<b>Civil Engineering Graphics</b>	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	<b>CE</b>	<b>2220</b>	<b>Civil Engineering Graphics</b>	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	<b>CE</b>	<b>2900</b>	<b>Special Topics in Civil Engineering</b>	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	<b>CE</b>	<b>3110</b>	<b>Route Engineering</b>	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	<b>CE</b>	<b>3120</b>	<b>Original Ohio Land Subdivisions</b>	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	<b>CE</b>	<b>3300</b>	<b>Structural Theory I</b>	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	<b>CE</b>	<b>3310</b>	<b>Structural Theory II</b>	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	<b>CE</b>	<b>3400</b>	<b>Fluid Mechanics</b>	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	<b>CE</b>	<b>3410</b>	<b>Hydraulics Laboratory</b>	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.								

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ENT	CE	<b>CE</b>	<b>3420</b>	<b>Applied Hydraulics &amp; Hydrology</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 3400 and (4000 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	<b>CE</b>	<b>3530</b>	<b>Basics of Environmental Engineering</b>	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	<b>CE</b>	<b>3610</b>	<b>Transportation Engineering</b>	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	<b>CE</b>	<b>3700</b>	<b>Geotechnical Engineering</b>	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	<b>CE</b>	<b>3710</b>	<b>Soil Engineering Laboratory</b>	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	<b>CE</b>	<b>3800</b>	<b>Civil Engineering Materials</b>	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	<b>CE</b>	<b>3800</b>	<b>Civil Engineering Materials</b>	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	<b>CE</b>	<b>4001</b>	<b>Societal Concerns in Civil Engineering</b>	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	<b>CE</b>	<b>4100</b>	<b>Applied Boundary Surveying</b>	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	<b>CE</b>	<b>4110</b>	<b>Legal Principles in Boundary Location</b>	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	<b>CE</b>	<b>4150</b>	<b>Geodetic Surveying</b>	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	<b>CE</b>	<b>4160</b>	<b>Construction Estimating &amp; Equipment</b>	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	<b>CE</b>	<b>4170</b>	<b>Construction Planning and Scheduling</b>	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	<b>CE</b>	<b>4190</b>	<b>Project Development, Contracts, and Law</b>	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	<b>CE</b>	<b>4240</b>	<b>Strength of Materials II</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in ET 2220								
ENT	CE	<b>CE</b>	<b>4280</b>	<b>Experimental Methods in Civil Engineering</b>	Laboratory	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 3300 and PHYS2052 and CE4001								
ENT	CE	<b>CE</b>	<b>4280</b>	<b>Experimental Methods in Civil Engineering</b>	Lecture	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 3300 and PHYS2052 and CE4001								
ENT	CE	<b>CE</b>	<b>4320</b>	<b>Structural Design in Concrete</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 2010 and 3300								
ENT	CE	<b>CE</b>	<b>4330</b>	<b>Structural Design in Steel</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 3300								
ENT	CE	<b>CE</b>	<b>4370</b>	<b>Timber Design</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 3300								
ENT	CE	<b>CE</b>	<b>4372</b>	<b>Masonry Structural Design</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 3300								
ENT	CE	<b>CE</b>	<b>4380</b>	<b>Prestressed Concrete Design</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 3300 and CE 4320								
ENT	CE	<b>CE</b>	<b>4450</b>	<b>Flow Routing</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 3420								
ENT	CE	<b>CE</b>	<b>4500</b>	<b>Water &amp; Wastewater Engineering</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 3400 and CHEM 1510								
ENT	CE	<b>CE</b>	<b>4510</b>	<b>In-Situ Remediation</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 3420 and CHEM 1510								
ENT	CE	<b>CE</b>	<b>4530</b>	<b>Solid &amp; Hazardous Waste Management</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CHEM 1510 and (Jr or Sr)								
ENT	CE	<b>CE</b>	<b>4540</b>	<b>Sustainable Construction</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 2160								
ENT	CE	<b>CE</b>	<b>4570</b>	<b>Water Resources Engineering</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CE 3420								
ENT	CE	<b>CE</b>	<b>4580</b>	<b>Water Quality Engineering</b>	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CHEM 1510 and (Jr or Sr)								

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ENT	CE	<b>CE</b>	<b>4580</b>	<b>Water Quality Engineering</b>	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	<b>CE</b>	<b>4630</b>	<b>Introduction to Highway Safety</b>	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	<b>CE</b>	<b>4640</b>	<b>Transportation Planning Fundamentals</b>	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	<b>CE</b>	<b>4680</b>	<b>Traffic Signal Systems</b>	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	<b>CE</b>	<b>4710</b>	<b>Foundation Engineering</b>	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	<b>CE</b>	<b>4740</b>	<b>Soil Mechanics Laboratory</b>	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	<b>CE</b>	<b>4760</b>	<b>Soil Stabilization</b>	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	<b>CE</b>	<b>4760</b>	<b>Soil Stabilization</b>	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	<b>CE</b>	<b>4770</b>	<b>Rock Mechanics and Design</b>	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	<b>CE</b>	<b>4820</b>	<b>Paving Materials and Mixtures</b>	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	<b>CE</b>	<b>4830</b>	<b>Principles of Pavement Design</b>	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	<b>CE</b>	<b>4900</b>	<b>Special Topics in Civil Engineering</b>	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	<b>CE</b>	<b>4910</b>	<b>Senior Design- Land Development</b>	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	<b>CE</b>	<b>4910</b>	<b>Senior Design- Land Development</b>	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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ENT	CE	<b>CE</b>	<b>4911</b>	<b>Senior Design--Environmental/Water Resources</b> GEC1: A-F REQUISITE: CE 4500 or concurrent and Sr only 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	<b>CE</b>	<b>4911</b>	<b>Senior Design--Environmental/Water Resources</b> GEC1: A-F REQUISITE: CE 4500 or concurrent and Sr only 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	<b>CE</b>	<b>4912</b>	<b>Senior Design--Structures and Foundations</b> GEC1: A-F REQUISITE: CE 3700 and (4320 or 4330) and Sr 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	<b>CE</b>	<b>4912</b>	<b>Senior Design--Structures and Foundations</b> GEC1: A-F REQUISITE: CE 3700 and (4320 or 4330) and Sr 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	<b>CE</b>	<b>4913</b>	<b>Senior Design- Special Project</b> GEC1: A-F REQUISITE: Permission required 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	<b>CE</b>	<b>4913</b>	<b>Senior Design- Special Project</b> GEC1: A-F REQUISITE: Permission required 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	<b>CE</b>	<b>4918</b>	<b>Undergraduate Internship in CE</b> GEC6: CR, PR, F REQUISITE: CE 2160 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	<b>CE</b>	<b>4940</b>	<b>CE Undergraduate Research Experience</b> GEC1: A-F REQUISITE: Permission required 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	<b>CE</b>	<b>5100</b>	<b>Applied Boundary Surveying</b> GEC1: A-F REQUISITE: CE 2100 Triangulation, astronomical observations, land surveying, instrument adjustments, and special topics.	Laboratory	2	0		N	G50		0
ENT	CE	<b>CE</b>	<b>5100</b>	<b>Applied Boundary Surveying</b> GEC1: A-F REQUISITE: CE 2100 Triangulation, astronomical observations, land surveying, instrument adjustments, and special topics.	Lecture	2	0		N	G50		0
ENT	CE	<b>CE</b>	<b>5110</b>	<b>Legal Principles in Boundary Location</b> GEC1: A-F REQUISITE: Permission required 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	<b>CE</b>	<b>5150</b>	<b>Geodetic Surveying</b> GEC1: A-F REQUISITE: CE 2100 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	<b>CE</b>	<b>5160</b>	<b>Construction Estimating &amp; Equipment</b> GEC1: A-F REQUISITE: Covers the fundamentals of construction equipment economics and productivity including: the selection of earth moving equipment and construction equipment fleet analysis. Addresses the fundamentals of cost estimating process including: contracts, bond, overhead, labor, pricing of excavation, pricing of concrete, pricing of metals, and pricing of wood.	Lecture	3	0		N	G50		0
ENT	CE	<b>CE</b>	<b>5170</b>	<b>Construction Planning and Scheduling</b> GEC1: A-F REQUISITE: Covers methods and techniques for planning and scheduling construction projects, Critical Path Method Scheduling, updating CPMs, resource allocation, work breakdown structures, cost control, schedule performance index, cost performance index, and Primavera Project Planner	Lecture	3	0		N	G50		0

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ENT	CE	<b>CE</b>	<b>5190</b>	<b>Project Development, Contracts, and Law</b>	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	<b>CE</b>	<b>5200</b>	<b>Finite Element Methods in Engineering</b>	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	<b>CE</b>	<b>5240</b>	<b>Strength of Materials II</b>	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	<b>CE</b>	<b>5250</b>	<b>Advanced Strength of Materials</b>	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	<b>CE</b>	<b>5260</b>	<b>Theory of Stability</b>	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	<b>CE</b>	<b>5270</b>	<b>Experimental Stress Analysis</b>	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	<b>CE</b>	<b>5270</b>	<b>Experimental Stress Analysis</b>	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	<b>CE</b>	<b>5280</b>	<b>Theory of Elasticity and Applications</b>	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	<b>CE</b>	<b>5310</b>	<b>Experimental Methods in Structural Dynamics</b>	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	<b>CE</b>	<b>5310</b>	<b>Experimental Methods in Structural Dynamics</b>	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	<b>CE</b>	<b>5350</b>	<b>Advanced Steel Design</b>	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	<b>CE</b>	<b>5360</b>	<b>Advanced Reinforced Concrete Design</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 5350						
		COURSE DESC:		Advanced design of reinforced concrete structures including biaxially loaded columns, slender columns, footings, 2-way slabs, and walls.								
ENT	CE	<b>CE</b>	<b>5370</b>	<b>Timber Design</b>	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	<b>CE</b>	<b>5372</b>	<b>Masonry Structural Design</b>	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	<b>CE</b>	<b>5380</b>	<b>Prestressed Concrete Design</b>	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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ENT	CE	<b>CE</b>	<b>5390</b>	<b>Computer Aided Structural Design</b>	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	<b>CE</b>	<b>5400</b>	<b>Deterministic Approaches in Water Resources</b>	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	<b>CE</b>	<b>5410</b>	<b>Stochastic Hydrology</b>	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	<b>CE</b>	<b>5420</b>	<b>Applied Hydraulics &amp; Hydrology</b>	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	<b>CE</b>	<b>5430</b>	<b>Open Channel Hydraulics</b>	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	<b>CE</b>	<b>5450</b>	<b>Design of Hydraulic Structures</b>	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	<b>CE</b>	<b>5510</b>	<b>In-Situ Remediation</b>	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	<b>CE</b>	<b>5530</b>	<b>Solid &amp; Hazardous Waste Management</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				CE 3530 or equivalent or permission								
				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	<b>CE</b>	<b>5540</b>	<b>Sustainable Construction</b>	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	<b>CE</b>	<b>5570</b>	<b>Water Resources Engineering</b>	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	<b>CE</b>	<b>5580</b>	<b>Water Quality Engineering</b>	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	<b>CE</b>	<b>5580</b>	<b>Water Quality Engineering</b>	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	<b>CE</b>	<b>5630</b>	<b>Introduction to Highway Safety</b>	Lecture	3	0		I	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	<b>CE</b>	<b>5640</b>	<b>Transportation Planning Fundamentals</b>	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.								

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COURSE LISTING  
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ENT	CE	<b>CE</b>	<b>5670</b>	<b>Traffic Engineering</b>	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	<b>CE</b>	<b>5680</b>	<b>Traffic Signal Systems</b>	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	<b>CE</b>	<b>5700</b>	<b>Geotechnical Engineering</b>	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	<b>CE</b>	<b>5720</b>	<b>Advanced Soil Mechanics</b>	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	<b>CE</b>	<b>5740</b>	<b>Soil Mechanics Laboratory</b>	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	<b>CE</b>	<b>5750</b>	<b>Advanced Foundation Engineering</b>	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	<b>CE</b>	<b>5760</b>	<b>Soil Stabilization</b>	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	<b>CE</b>	<b>5760</b>	<b>Soil Stabilization</b>	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	<b>CE</b>	<b>5770</b>	<b>Rock Mechanics and Design</b>	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	<b>CE</b>	<b>5820</b>	<b>Paving Materials and Mixtures</b>	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	<b>CE</b>	<b>5830</b>	<b>Principles of Pavement Design</b>	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	<b>CE</b>	<b>5860</b>	<b>Theory of Plates and Shells</b>	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	<b>CE</b>	<b>5880</b>	<b>Soil Dynamics</b>	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	<b>CE</b>	<b>5900</b>	<b>Special Topics in Civil Engineering</b>	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.							

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ENT	CE	<b>CE</b>	<b>5940</b>	<b>Special Investigations</b>	Research	1 to 3	3		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		COURSE DESC:		PR, F Special investigations or problems not covered by formal courses and not requiring thesis.								
ENT	CE	<b>CE</b>	<b>6000</b>	<b>Applied Civil Engineering Statistics</b>	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	<b>CE</b>	<b>6150</b>	<b>Heavy Construction Management</b>	Lecture	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		Provides a foundation of heavy construction management knowledge appropriate for use in the engineering and construction industry. Covers construction management principles related to heavy construction project work. Topics covered include: life cycle cost analysis, contract administration, project planning, project progress tracking and control, project risk management, and project safety.								
ENT	CE	<b>CE</b>	<b>6160</b>	<b>Computer Aided Construction Management</b>	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	<b>CE</b>	<b>6170</b>	<b>Design and Productivity of Construction Operations</b>	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	<b>CE</b>	<b>6180</b>	<b>Project Risk Management</b>	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	<b>CE</b>	<b>6230</b>	<b>Continuum Mechanics I</b>	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	<b>CE</b>	<b>6250</b>	<b>Finite Element Methods in Mechanics</b>	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	<b>CE</b>	<b>6310</b>	<b>Structural Reliability</b>	Lecture	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		First-order, second-moment reliability method, Monte Carlo simulation, load and resistance factors, reliability index, and code checking.								
ENT	CE	<b>CE</b>	<b>6320</b>	<b>Structural Dynamics</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CE 3300								
		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	<b>CE</b>	<b>6330</b>	<b>Earthquake Engineering</b>	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	<b>CE</b>	<b>6340</b>	<b>Bridge Engineering</b>	Lecture	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		Types of bridge structures, LRFD design standard specifications, loads, structural analysis, and design.								
ENT	CE	<b>CE</b>	<b>6345</b>	<b>Bridge Design</b>	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	<b>CE</b>	<b>6500</b>	<b>Chemical Fate and Transport in the Environment</b>	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.								

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ENT	CE	<b>CE</b>	<b>6530</b>	<b>Environmental Geotechnology I</b>	Laboratory	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 3700 or 4500						
		COURSE DESC:		Presents the theoretical basis and in-situ/laboratory practices of geo-environmental methods.								
ENT	CE	<b>CE</b>	<b>6530</b>	<b>Environmental Geotechnology I</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 3700 or 4500						
		COURSE DESC:		Presents the theoretical basis and in-situ/laboratory practices of geo-environmental methods.								
ENT	CE	<b>CE</b>	<b>6550</b>	<b>Advanced Water Treatment</b>	Laboratory	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Advanced study of theory. Design of physical/chemical treatment units. Practice in control methods.								
ENT	CE	<b>CE</b>	<b>6550</b>	<b>Advanced Water Treatment</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Advanced study of theory. Design of physical/chemical treatment units. Practice in control methods.								
ENT	CE	<b>CE</b>	<b>6560</b>	<b>Advanced Waste Water Treatment</b>	Laboratory	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Advanced study of theory. Design of biological treatment units. Practice in control methods.								
ENT	CE	<b>CE</b>	<b>6560</b>	<b>Advanced Waste Water Treatment</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Advanced study of theory. Design of biological treatment units. Practice in control methods.								
ENT	CE	<b>CE</b>	<b>6590</b>	<b>Surface Water Quality Modeling</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 4500						
		COURSE DESC:		An advanced course on the fundamentals and principles that underlie the mathematical modeling techniques used to analyze the quality of surface waters.								
ENT	CE	<b>CE</b>	<b>6610</b>	<b>Environmental Analysis Transportation Systems</b>	Lecture	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		The role of environmental assessment in transportation planning and project development is addressed.								
ENT	CE	<b>CE</b>	<b>6620</b>	<b>Transportation Design I</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Fundamentals of route design (sight distance, horizontal and vertical alignment, superelevation), design of interchanges and intersections, access management issues, roadway elements (pavement markings and signage), and economic considerations.								
ENT	CE	<b>CE</b>	<b>6630</b>	<b>Highway Safety and Risk Management</b>	Lecture	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		Introduction to highway safety improvement program and three plus standards. Specific topics include data collection, identification of hazardous locations, crash reconstruction, countermeasures, and risk management.								
ENT	CE	<b>CE</b>	<b>6640</b>	<b>Urban Transportation Planning</b>	Lecture	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		Introduction to urban transportation planning. Specific topics include characteristics of urban travel, decision making models and processes, travel demand models, and transportation system impacts and analysis.								
ENT	CE	<b>CE</b>	<b>6650</b>	<b>Traffic Impact Studies</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 6640						
		COURSE DESC:		Trip generation, distribution, and assignment; transport behavior of individuals and households; traffic impact studies; parking studies; on-site planning; site access and off-site improvements.								
ENT	CE	<b>CE</b>	<b>6670</b>	<b>Traffic Parameters</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Microscopic and macroscopic traffic flow fundamentals and characteristics.								
ENT	CE	<b>CE</b>	<b>6680</b>	<b>Regulations, Control and Signal Design</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 5670						
		COURSE DESC:		Research, theories, and applications of the Manual of Uniform Traffic Control Devices; Signs, Markings, Signals, and Other Traffic Control Devices.								
ENT	CE	<b>CE</b>	<b>6700</b>	<b>Computational Methods in Geomechanics</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CE 5200						
		COURSE DESC:		Application of numerical techniques such as finite difference, finite element, and discrete element methods in solving geotechnical engineering problems related to seepage, diffusion, consolidation theory, slope stability, retaining wall, fracture, and dynamic motion.								
ENT	CE	<b>CE</b>	<b>6840</b>	<b>Constitutive Equations</b>	Lecture	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		Stress, strain, linear and nonlinear theories of elastic media, stress path, and introduction to plasticity.								

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ENT	CE	<b>CE</b>	<b>6900</b>	<b>Special Topics in Civil Engineering</b>	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	<b>CE</b>	<b>6915</b>	<b>Civil Engineering Seminar</b>	Seminar	1	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		Presentation on research topics by students. Typically take in final year of graduate study.								
ENT	CE	<b>CE</b>	<b>6940</b>	<b>Research</b>	Research	1 to 18	999		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		COURSE DESC:		Master's level research.								
ENT	CE	<b>CE</b>	<b>6950</b>	<b>Master's Thesis</b>	Thesis	1 to 18	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Writing and defending a thesis.								
ENT	CE	<b>CE</b>	<b>7100</b>	<b>Energy and Variational Principles</b>	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	<b>CE</b>	<b>7230</b>	<b>Continuum Mechanics II</b>	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	<b>CE</b>	<b>7290</b>	<b>Mathematical Theory of Elasticity</b>	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	<b>CE</b>	<b>7300</b>	<b>Finite Element Methods II</b>	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	<b>CE</b>	<b>7320</b>	<b>Plastic Design of Structures</b>	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	<b>CE</b>	<b>7360</b>	<b>Advanced Concrete Design</b>	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	<b>CE</b>	<b>7430</b>	<b>Stochastic Modeling</b>	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	<b>CE</b>	<b>7510</b>	<b>Sludge Treatment Processes</b>	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	<b>CE</b>	<b>7520</b>	<b>Industrial Waste Treatment</b>	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	<b>CE</b>	<b>7530</b>	<b>Biodegradation and Bioremediation</b>	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	<b>CE</b>	<b>7570</b>	<b>Subsurface Remediation</b>	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.								

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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	<b>CE</b>	<b>7630</b>	<b>Advanced Highway Safety Studies and Evaluation</b>	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	<b>CE</b>	<b>7640</b>	<b>Mass Transportation Systems</b>	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	<b>CE</b>	<b>7650</b>	<b>Airport Planning and Design</b>	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	<b>CE</b>	<b>7680</b>	<b>Advanced Traffic Signal Operations Design</b>	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	<b>CE</b>	<b>7710</b>	<b>Engineering Behavior of Soils</b>	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	<b>CE</b>	<b>7740</b>	<b>Experimental Soil Mechanics</b>	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	<b>CE</b>	<b>7740</b>	<b>Experimental Soil Mechanics</b>	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	<b>CE</b>	<b>7900</b>	<b>Special Topics in Civil Engineering</b>	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	<b>CE</b>	<b>8530</b>	<b>Environmental Geotechnology II</b>	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	<b>CE</b>	<b>8620</b>	<b>Transportation Design II</b>	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	<b>CE</b>	<b>8630</b>	<b>Statistical and Econometric Methods for Transportation Safety Analysis</b>	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	<b>CE</b>	<b>8640</b>	<b>Transit Planning</b>	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	<b>CE</b>	<b>8670</b>	<b>Traffic Flow Theory</b>	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	<b>CE</b>	<b>8680</b>	<b>Progressed Systems, Detection, and Control</b>	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	<b>CE</b>	<b>8850</b>	<b>Soil-Structure Interaction</b>	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.								



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ENT	CE	<b>CE</b>	<b>8900</b>	<b>Special Topics in Civil Engineering</b>	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	<b>CE</b>	<b>8915</b>	<b>Seminar on Teaching in Civil Engineering</b>	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	<b>CE</b>	<b>8940</b>	<b>Doctoral Research</b>	Research	1 to 18	999		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		COURSE DESC:		Doctoral Research								
ENT	CE	<b>CE</b>	<b>8950</b>	<b>Doctoral Dissertation</b>	Thesis	1 to 18	999		I	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		COURSE DESC:		Doctoral dissertation.								

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ENT	CHE	<b>BME</b>	<b>5000</b>	<b>Introduction to Biomedical Engineering</b>	Lecture	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F								
		COURSE DESC:		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	<b>BME</b>	<b>5010</b>	<b>Biomedical Engineering Professional Development</b>	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	<b>BME</b>	<b>5100</b>	<b>Medical Informatics</b>	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	<b>BME</b>	<b>5120</b>	<b>Biomedical Instrumentation</b>	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	<b>BME</b>	<b>5820</b>	<b>Nano- and Biointerfaces</b>	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	<b>BME</b>	<b>5830</b>	<b>Applied Cellular and Molecular Biology</b>	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	<b>BME</b>	<b>5840</b>	<b>Applied Immunology</b>	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	<b>BME</b>	<b>5850</b>	<b>Drug Design and Delivery</b>	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	<b>BME</b>	<b>5900</b>	<b>Special Topics in Biomedical Engineering</b>	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	CHE	<b>BME</b>	<b>6000</b>	<b>Seminar in Biomedical Engineering</b>	Seminar	1	10		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F								
		COURSE DESC:		Special presentations on current relevant topics presented by internal and external experts in biomedical research / biomedical engineering.								
ENT	CHE	<b>BME</b>	<b>6670</b>	<b>Advanced Biomechanics</b>	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	<b>BME</b>	<b>6900</b>	<b>Special Topics in Biomedical Engineering</b>	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.								

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ENT	CHE	<b>BME</b>	<b>6910</b>	<b>Biomedical Engineering Internship</b>	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	<b>BME</b>	<b>6940</b>	<b>Research in Biomedical Engineering</b>	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	<b>BME</b>	<b>6950</b>	<b>Biomedical Engineering Thesis</b>	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	<b>CHE</b>	<b>1000</b>	<b>Introduction to Chemical Engineering</b>	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	<b>CHE</b>	<b>1100</b>	<b>Introduction to Chemical Engineering</b>	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	<b>CHE</b>	<b>1800</b>	<b>Approaches to Chemical Engineering Problem Solving</b>	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	<b>CHE</b>	<b>1800</b>	<b>Approaches to Chemical Engineering Problem Solving</b>	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	<b>CHE</b>	<b>2000</b>	<b>Mass and Energy Balances I</b>	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	<b>CHE</b>	<b>2010</b>	<b>Mass and Energy Balances II</b>	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	<b>CHE</b>	<b>2900</b>	<b>Special Topics in Chemical Engineering</b>	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	<b>CHE</b>	<b>3210</b>	<b>Chemical Engineering Phase Equilibria</b>	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	<b>CHE</b>	<b>3210</b>	<b>Chemical Engineering Phase Equilibria</b>	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	<b>CHE</b>	<b>3400</b>	<b>Chemical Engineering Fluid Mechanics</b>	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.								

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ENT	CHE	<b>CHE</b>	<b>3400</b>	<b>Chemical Engineering Fluid Mechanics</b>	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	<b>CHE</b>	<b>3500</b>	<b>Chemical Engineering Heat Transfer</b>	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	<b>CHE</b>	<b>3500</b>	<b>Chemical Engineering Heat Transfer</b>	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	<b>CHE</b>	<b>3600</b>	<b>Chemical Engineering Mass Transfer and Separations</b>	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	<b>CHE</b>	<b>3600</b>	<b>Chemical Engineering Mass Transfer and Separations</b>	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	<b>CHE</b>	<b>3700</b>	<b>Chemical Reaction Engineering</b>	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	<b>CHE</b>	<b>3700</b>	<b>Chemical Reaction Engineering</b>	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	<b>CHE</b>	<b>3800</b>	<b>Chemical Engineering Modeling and Applied Calculations</b>	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	<b>CHE</b>	<b>3800</b>	<b>Chemical Engineering Modeling and Applied Calculations</b>	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	<b>CHE</b>	<b>4000</b>	<b>Chemical Engineering Professional and Ethical Issues</b>	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	<b>CHE</b>	<b>4040</b>	<b>Chemical Engineering Ethical Reasoning and Cultural Competence</b>	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	<b>CHE</b>	<b>4110</b>	<b>Unit Operations Lab I</b>	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	<b>CHE</b>	<b>4110</b>	<b>Unit Operations Lab I</b>	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.								

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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	CHE	<b>CHE</b>	<b>4120</b>	<b>Unit Operations Lab II</b>	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	<b>CHE</b>	<b>4200</b>	<b>Chemical Process Control</b>	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	<b>CHE</b>	<b>4200</b>	<b>Chemical Process Control</b>	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	<b>CHE</b>	<b>4300</b>	<b>Chemical Engineering Process Design I</b>	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	<b>CHE</b>	<b>4300</b>	<b>Chemical Engineering Process Design I</b>	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	<b>CHE</b>	<b>4310</b>	<b>Chemical Engineering Process Design II</b>	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	<b>CHE</b>	<b>4310</b>	<b>Chemical Engineering Process Design II</b>	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	<b>CHE</b>	<b>4400</b>	<b>Advanced Topics in Materials Science and Engineering</b>	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	<b>CHE</b>	<b>4410L</b>	<b>Materials Characterization Laboratory</b>	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	<b>CHE</b>	<b>4420</b>	<b>Metallic Corrosion</b>	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	<b>CHE</b>	<b>4430</b>	<b>Polymer Synthesis &amp; Properties</b>	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	<b>CHE</b>	<b>4500</b>	<b>Coal Conversion Technologies</b>	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	<b>CHE</b>	<b>4520</b>	<b>Analysis of Electrochemical Systems</b>	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.								

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ENT	CHE	<b>CHE</b>	<b>4530</b>	<b>Alternative Fuels and Renewable Energy</b>	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	<b>CHE</b>	<b>4610</b>	<b>Atmospheric Chemistry</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHEM 1520 and MATH 3400 and PHYS 2051								
		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	<b>CHE</b>	<b>4800</b>	<b>Biochemical Engineering</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 2010 and (BIOS 1700 or P BIO 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	<b>CHE</b>	<b>4820</b>	<b>Nano- and Biointerfaces</b>	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	<b>CHE</b>	<b>4830</b>	<b>Applied Cellular and Molecular Biology</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CHE 2010 and (BIOS 1700 or P BIO 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	<b>CHE</b>	<b>4840</b>	<b>Applied Immunology</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: BIOS 1700 or P BIO 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	<b>CHE</b>	<b>4900</b>	<b>Special Topics in Chemical Engineering</b>	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	<b>CHE</b>	<b>4931</b>	<b>Independent Study - Chemical Engineering</b>	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	<b>CHE</b>	<b>4932</b>	<b>Independent Study - Chemical Engineering: Materials Track</b>	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	<b>CHE</b>	<b>4933</b>	<b>Independent Study - Chemical Engineering: Biological Track</b>	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	<b>CHE</b>	<b>4934</b>	<b>Independent Study - Chemical Engineering: Energy and the Environment Track</b>	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.								

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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	<b>CHE</b>	<b>4941</b>	<b>Intercollegiate Engineering Design Competition</b>	Research	1 to 2	999	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:	Permission required						
		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	<b>CHE</b>	<b>5000</b>	<b>Engineering Research Fundamentals</b>	Lecture	2	4		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	Graduate status in engineering						
		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	<b>CHE</b>	<b>5010D</b>	<b>Chemical Engineering Phase Equilibria</b>	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	<b>CHE</b>	<b>5010D</b>	<b>Chemical Engineering Phase Equilibria</b>	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	<b>CHE</b>	<b>5011D</b>	<b>Chemical Reaction Engineering</b>	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	<b>CHE</b>	<b>5011D</b>	<b>Chemical Reaction Engineering</b>	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	<b>CHE</b>	<b>5012D</b>	<b>Chemical Engineering Fluid Mechanics</b>	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	<b>CHE</b>	<b>5012D</b>	<b>Chemical Engineering Fluid Mechanics</b>	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	<b>CHE</b>	<b>5013D</b>	<b>Chemical Engineering Heat Transfer</b>	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	<b>CHE</b>	<b>5013D</b>	<b>Chemical Engineering Heat Transfer</b>	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	<b>CHE</b>	<b>5014D</b>	<b>Chemical Engineering Mass Transfer and Separations</b>	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	<b>CHE</b>	<b>5014D</b>	<b>Chemical Engineering Mass Transfer and Separations</b>	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	<b>CHE</b>	<b>5015D</b>	<b>Chemical Engineering Modeling and Applied Calculations</b>	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.								

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ENT	CHE	<b>CHE</b>	<b>5015D</b>	<b>Chemical Engineering Modeling and Applied Calculations</b>	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	<b>CHE</b>	<b>5016D</b>	<b>Unit Operations Lab I</b>	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	<b>CHE</b>	<b>5016D</b>	<b>Unit Operations Lab I</b>	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	<b>CHE</b>	<b>5017D</b>	<b>Unit Operations Lab II</b>	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	<b>CHE</b>	<b>5018D</b>	<b>Process Control and Simulation</b>	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	<b>CHE</b>	<b>5018D</b>	<b>Process Control and Simulation</b>	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	<b>CHE</b>	<b>5019D</b>	<b>Chemical Engineering Process Design I</b>	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	<b>CHE</b>	<b>5019D</b>	<b>Chemical Engineering Process Design I</b>	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	<b>CHE</b>	<b>5020D</b>	<b>Chemical Engineering Process Design II</b>	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	<b>CHE</b>	<b>5020D</b>	<b>Chemical Engineering Process Design II</b>	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	<b>CHE</b>	<b>5400</b>	<b>Advanced Topics in Materials Science and Engineering</b>	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	<b>CHE</b>	<b>5410L</b>	<b>Materials Characterization Laboratory</b>	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.								



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ENT	CHE	<b>CHE</b>	<b>5420</b>	<b>Metallic Corrosion</b>	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	<b>CHE</b>	<b>5430</b>	<b>Polymer Synthesis &amp; Properties</b>	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	<b>CHE</b>	<b>5500</b>	<b>Coal Conversion Technologies</b>	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	<b>CHE</b>	<b>5520</b>	<b>Analysis of Electrochemical Systems</b>	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	<b>CHE</b>	<b>5530</b>	<b>Alternative Fuels and Renewable Energy</b>	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	<b>CHE</b>	<b>5610</b>	<b>Atmospheric Chemistry</b>	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	<b>CHE</b>	<b>5800</b>	<b>Biochemical Engineering</b>	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	<b>CHE</b>	<b>5900</b>	<b>Special Topics in Chemical Engineering</b>	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	<b>CHE</b>	<b>6000</b>	<b>Chemical and Biomolecular Engineering Seminar</b>	Seminar	1	99		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
				PR, F								
		COURSE DESC:		Special presentations by internal and external speakers.								
ENT	CHE	<b>CHE</b>	<b>6100</b>	<b>Applied Chemical Engineering Calculations</b>	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	<b>CHE</b>	<b>6200</b>	<b>Advanced Chemical Engineering Thermodynamics</b>	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	<b>CHE</b>	<b>6300</b>	<b>Chemical Reaction Engineering</b>	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	<b>CHE</b>	<b>6400</b>	<b>Transport Phenomena</b>	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	<b>CHE</b>	<b>6900</b>	<b>Special Topics in Chemical Engineering</b>	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	<b>CHE</b>	<b>6910</b>	<b>Chemical Engineering Graduate Internship</b>	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	<b>CHE</b>	<b>6940</b>	<b>Research in Chemical Engineering</b>	Research	1 to 18	999		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		COURSE DESC:		Research in chemical engineering								
ENT	CHE	<b>CHE</b>	<b>6950</b>	<b>Thesis</b>	Thesis	1 to 18	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Masters thesis research.								
ENT	CHE	<b>CHE</b>	<b>7100</b>	<b>Advanced Chemical Engineering Mathematics</b>	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	<b>CHE</b>	<b>7120</b>	<b>Molecular Simulations</b>	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	<b>CHE</b>	<b>7300</b>	<b>Advanced Chemical Reaction Engineering</b>	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	<b>CHE</b>	<b>7420</b>	<b>Advanced Corrosion</b>	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	<b>CHE</b>	<b>7500</b>	<b>Advanced Chemical Engineering Momentum Transfer</b>	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	<b>CHE</b>	<b>7520</b>	<b>Industrial Electrochemistry and Electrochemical Engineering</b>	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	<b>CHE</b>	<b>7600</b>	<b>Advanced Chemical Engineering Mass Transfer</b>	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	<b>CHE</b>	<b>7700</b>	<b>Advanced Topics in Biomedical Engineering</b>	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	<b>CHE</b>	<b>8900</b>	<b>Special Topics in Chemical Engineering</b>	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.								

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ENT	CHE	<b>CHE</b>	<b>8940</b>	<b>Research in Chemical Engineering</b>	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	<b>CHE</b>	<b>8950</b>	<b>Dissertation</b>	Thesis	1 to 18	999		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE:								
		COURSE DESC:		PR, F PhD. dissertation research.								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
ENT	EECS	<b>CS</b>	<b>1400</b>	<b>Fundamentals of Computing</b>	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	<b>CS</b>	<b>2300</b>	<b>Computer Programming in JAVA</b>	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	<b>CS</b>	<b>2300</b>	<b>Computer Programming in JAVA</b>	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	<b>CS</b>	<b>2400</b>	<b>Introduction to Computer Science I</b>	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	<b>CS</b>	<b>2400</b>	<b>Introduction to Computer Science I</b>	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	<b>CS</b>	<b>2401</b>	<b>Introduction to Computer Science II</b>	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	<b>CS</b>	<b>2401</b>	<b>Introduction to Computer Science II</b>	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	<b>CS</b>	<b>2653</b>	<b>Professional and Ethical Aspects of Computing</b>	Lecture	3	0	BDP; BER	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CS 2400						
		COURSE DESC:		Examines the professional, ethical, and legal issues that are likely to be encountered by computing professionals, 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	<b>CS</b>	<b>2900</b>	<b>Special Topics in Computer Science</b>	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	<b>CS</b>	<b>2970T</b>	<b>Computer Science Tutorial</b>	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	<b>CS</b>	<b>2971T</b>	<b>Computer Science Tutorial</b>	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.								

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ENT	EECS	<b>CS</b>	<b>2980T</b>	<b>Computer Science Tutorial</b>	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	<b>CS</b>	<b>2981T</b>	<b>Computer Science Tutorial</b>	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	<b>CS</b>	<b>3000</b>	<b>Introduction to Discrete Structures</b>	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	<b>CS</b>	<b>3000</b>	<b>Introduction to Discrete Structures</b>	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	<b>CS</b>	<b>3200</b>	<b>Organization of Programming Languages</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (CS 2650 or CS 2653) and (CS 3000 or MATH 3050) and C or better in CS 2401								
		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	<b>CS</b>	<b>3560</b>	<b>Software Engineering Tools and Practices</b>	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	<b>CS</b>	<b>3610</b>	<b>Data Structures</b>	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	<b>CS</b>	<b>3610</b>	<b>Data Structures</b>	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	<b>CS</b>	<b>3970T</b>	<b>Computer Science Tutorial</b>	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	<b>CS</b>	<b>3980T</b>	<b>Computer Science Tutorial</b>	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	<b>CS</b>	<b>4000</b>	<b>Introduction to Distributed, Parallel, and Web-Centric Computing</b>	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.								

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ENT	EECS	<b>CS</b>	<b>4040</b>	<b>Design and Analysis of Algorithms</b>	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	<b>CS</b>	<b>4060</b>	<b>Computation Theory</b>	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	<b>CS</b>	<b>4100</b>	<b>Introduction to Formal Languages and Compilers</b>	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	<b>CS</b>	<b>4120</b>	<b>Parallel Computing I</b>	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	<b>CS</b>	<b>4160</b>	<b>Problem Solving with Bioinformatics Tools</b>	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	<b>CS</b>	<b>4170</b>	<b>Data Mining With Applications in the Life Sciences</b>	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	<b>CS</b>	<b>4180</b>	<b>Statistical Foundation for Bioinformatics</b>	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	<b>CS</b>	<b>4201</b>	<b>Software Verification</b>	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	<b>CS</b>	<b>4250</b>	<b>Interactive Computer Graphics</b>	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	<b>CS</b>	<b>4420</b>	<b>Operating Systems</b>	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.								
ENT	EECS	<b>CS</b>	<b>4440</b>	<b>Data Communications</b>	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.								

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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	<b>CS</b>	<b>4500</b>	<b>Advanced Object Oriented Design and GUI Techniques</b>	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	<b>CS</b>	<b>4560</b>	<b>Software Design and Development I</b>	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	<b>CS</b>	<b>4561</b>	<b>Software Design and Development II</b>	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	<b>CS</b>	<b>4580</b>	<b>Operating Systems II</b>	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	<b>CS</b>	<b>4620</b>	<b>Database Systems</b>	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	<b>CS</b>	<b>4750</b>	<b>Internet Engineering</b>	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	<b>CS</b>	<b>4750</b>	<b>Internet Engineering</b>	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	<b>CS</b>	<b>4800</b>	<b>Artificial Intelligence</b>	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.								
ENT	EECS	<b>CS</b>	<b>4830</b>	<b>Machine Learning</b>	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	<b>CS</b>	<b>4900</b>	<b>Special Topics in Computer Science</b>	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	<b>CS</b>	<b>4970T</b>	<b>Computer Science Tutorial</b>	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	<b>CS</b>	<b>4980T</b>	<b>Computer Science Tutorial</b>	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.								

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ENT	EECS	<b>CS</b>	<b>5000D</b>	<b>Introduction to Discrete Structures</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>CS</b>	<b>5000D</b>	<b>Introduction to Discrete Structures</b>	Recitation	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>CS</b>	<b>5040</b>	<b>Design and Analysis of Algorithms</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Introduces modern study of computer algorithms. Topics include correctness of algorithms, analysis of iterative and recursive algorithms, worst-case, best-case, average-case, and amortized behavior, design of algorithms, divide and conquer algorithms, the greedy method, graph searching, and dynamic programming techniques. Selected additional topics may include computational geometry or NP-completeness.								
ENT	EECS	<b>CS</b>	<b>5060</b>	<b>Computation Theory</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Explores fundamentals concerning formal language theory and the theory of computation. Topics include basic models of computation, the Church-Turing thesis, Turing machines, decidability and undecidability, computational complexity, NP-completeness, and diagonalization.								
ENT	EECS	<b>CS</b>	<b>5100</b>	<b>Introduction to Formal Languages and Compilers</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>CS</b>	<b>5120</b>	<b>Parallel Computing I</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Studies different parallel structures to familiarize students with variety of approaches to parallel computing and the strengths and weaknesses of each approach. Concentrates on understanding methods for developing parallel algorithms and analyzing their performance. Advantages and disadvantages of different methods for mapping algorithms onto several different parallel architecture studied. Algorithms discussed include sorting, searching, matrix operations, and others.								
ENT	EECS	<b>CS</b>	<b>5160</b>	<b>Problem Solving with Bioinformatics Tools</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Focuses on bioinformatics tools and biological databases; utilizing them to solve problems designed from current issues in biological, biotechnological, and biomedical research.								
ENT	EECS	<b>CS</b>	<b>5170</b>	<b>Data Mining With Applications in the Life Sciences</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Uses Perl Programming language to develop custom software tools that solve problems in the life sciences. Topics covered include the Perl programming language, processing DNA sequences and protein sequences, restriction maps, GenBank, protein data bank, parsing BLAST output, Bioperl, data pipelines, and the Entrez programming utilities.								
ENT	EECS	<b>CS</b>	<b>5180</b>	<b>Statistical Foundation for Bioinformatics</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Introduces statistics and stochastic process theory, and makes applications in the field Bioinformatics, i.e., the study and analysis of biological, and in particular genetic, data.								
ENT	EECS	<b>CS</b>	<b>5200D</b>	<b>Organization of Programming Languages</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>CS</b>	<b>5201</b>	<b>Software Verification</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		A course on programming languages and software verification, with hands-on exercise in an interactive theorem prover such as Coq. Topics may include, but are not limited to: logic; functional programming; inductive datatypes, recursion, and structural induction; operational, denotational, and axiomatic semantics; simply typed lambda calculus; polymorphic lambda calculus; type systems and type-checking.								



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ENT	EECS	<b>CS</b>	<b>5420</b>	<b>Operating Systems</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				In-depth coverage of computer operating systems and related computer architecture issues. Coverage of physical devices, interrupts, and communication between the computer and external hardware. Interfaces between user programs and the operating system, system calls, software interrupts, and protection issues. Context switching, process address spaces, and process scheduling. Process synchronization, interprocess communications, critical sections, and deadlock detection and recovery. Memory mapping, swapping, paging, and virtual memory.								
ENT	EECS	<b>CS</b>	<b>5440</b>	<b>Data Communications</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				In-depth coverage of computer-to-computer and program-to-program communication over modern computer networks focusing on the TCP/IP protocol family. Review of data communication issues, physical address binding, bridging, Ethernet, and Token Ring. Internetwork protocols, routing, domains, networks, and subnetworks. Transport protocols, reliability, flow control, retransmission, and acknowledgement. Distributed systems, server and client issues including verification, and authentication. High-level protocols and applications including electronic mail, network news, remote terminal interaction, and the World Wide Web.								
ENT	EECS	<b>CS</b>	<b>5500</b>	<b>Advanced Object Oriented Design and GUI Techniques</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Object-oriented design, interface design, and GUI development techniques; data structure usage and concepts; model-view-controller paradigm; input output and text parsing; exception handling; JAVA language syntax; large application development.								
ENT	EECS	<b>CS</b>	<b>5560</b>	<b>Software Design and Development I</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				All major phases of the software engineering lifecycle, including system engineering, requirements analysis, design, implementation and testing. Communication skills relevant to working in software engineering teams and interacting with customers. Teams of students perform all software engineering phases in response to the needs of a customer.								
ENT	EECS	<b>CS</b>	<b>5580</b>	<b>Operating Systems II</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Detailed discussion of virtual memory and backing stores. File system interfaces, implementation, and protection mechanisms. Process scheduling issues, policies, and mechanisms. Interprocess communication between programs on different computers. Distributed systems issues, examples, and implementation.								
ENT	EECS	<b>CS</b>	<b>5610D</b>	<b>Data Structures</b>	Lecture	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	<b>CS</b>	<b>5610D</b>	<b>Data Structures</b>	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	<b>CS</b>	<b>5620</b>	<b>Database Systems</b>	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	<b>CS</b>	<b>5750</b>	<b>Internet Engineering</b>	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	<b>CS</b>	<b>5750</b>	<b>Internet Engineering</b>	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	<b>CS</b>	<b>5800</b>	<b>Artificial Intelligence</b>	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.								

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ENT	EECS	<b>CS</b>	<b>5830</b>	<b>Machine Learning</b>	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	<b>CS</b>	<b>5900</b>	<b>Special Topics in Computer Science</b>	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	<b>CS</b>	<b>6040</b>	<b>Advanced Algorithms</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>CS</b>	<b>6050</b>	<b>Parallel Computation Theory</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>CS</b>	<b>6060</b>	<b>Computational Complexity</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Complexity of computational problems explored with respect to a variety of complexity measures. Topics include deterministic time complexity, nondeterministic time complexity, the polynomial-time hierarchy, average-case time complexity, space-bounded complexity, circuit complexity, reductions, relativizations, and parallel models of computation.								
ENT	EECS	<b>CS</b>	<b>6120</b>	<b>Real Time Systems</b>	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	<b>CS</b>	<b>6150</b>	<b>Computational Genomics</b>	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	<b>CS</b>	<b>6250</b>	<b>Computer Graphics and Visualization</b>	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	<b>CS</b>	<b>6410</b>	<b>Medical Image Analysis</b>	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	<b>CS</b>	<b>6420</b>	<b>Artificial Intelligence in Medicine</b>	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	<b>CS</b>	<b>6440</b>	<b>Advanced Topics in Computer Networking</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				High-speed networking, experimental protocols, congestion control, reliability, security, distributed systems.								
ENT	EECS	<b>CS</b>	<b>6571</b>	<b>Software Specification</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>CS</b>	<b>6572</b>	<b>Software Design</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								

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ENT	EECS	<b>CS</b>	<b>6573</b>	<b>Software Implementation</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 6571								
		COURSE DESC:		Provides the skills necessary for successful management of software engineering projects. Examines technical management techniques as well as interpersonal communication concepts. Principles taught applied to a software engineering program.								
ENT	EECS	<b>CS</b>	<b>6800</b>	<b>Advanced Topics in Artificial Intelligence</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Advanced topics in artificial intelligence (AI) studied. Concepts of heuristic search and knowledge representation studied in detail to provide a firm grounding in AI. Then an advanced topic studied, such as machine learning, natural language understanding, computer vision, and/or reasoning under uncertainty. Emphasis is to illustrate that representation and search are fundamental issues in all aspects of artificial intelligence.								
ENT	EECS	<b>CS</b>	<b>6820</b>	<b>Artificial Intelligence: Case-Based Reasoning</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CS 5800								
		COURSE DESC:		Case-based reasoning (CBR) is an artificial intelligence (AI) paradigm, in which new problems are solved by reusing the solutions to previously encountered problems. Enables students familiar with AI problem solving techniques to explore CBR in depth. Featured will be: overview of fundamentals; discussion of research projects; CBR system implementation: and student presentations.								
ENT	EECS	<b>CS</b>	<b>6830</b>	<b>Machine Learning</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Machine Learning is concerned with the design and analysis of algorithms that enable computers to automatically find patterns in the data. This introductory course will give an overview of the main concepts, techniques and algorithms that are relevant for the theory and practice of machine learning. The course will cover the fundamental topics of classification, regression and clustering, starting with simple learning models such as perceptrons, decision trees and logistic regression, and ending with more advanced models including Support Vector Machines, Conditional Random Fields and Bayesian networks. The description of the formal properties of the algorithms will be supplemented with motivating applications in a wide range of areas including natural language processing, computer vision, bioinformatics and music analysis.								
ENT	EECS	<b>CS</b>	<b>6840</b>	<b>Natural Language Processing</b>	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	<b>CS</b>	<b>6850</b>	<b>Image Understanding</b>	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	<b>CS</b>	<b>6860</b>	<b>Information Retrieval and Web Search</b>	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	<b>CS</b>	<b>6890</b>	<b>Deep Learning</b>	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	<b>CS</b>	<b>6900</b>	<b>Special Topics in Computer Science</b>	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	<b>CS</b>	<b>6910</b>	<b>Graduate Internship in Computer Science</b>	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	<b>CS</b>	<b>6930</b>	<b>Independent Study</b>	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.								

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ENT	EECS	<b>CS</b>	<b>6940</b>	<b>Research in Computer Science</b>	Research	1 to 18	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Research in computer science. Variable topics.								
ENT	EECS	<b>CS</b>	<b>6950</b>	<b>Thesis</b>	Thesis	1 to 18	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Thesis research and writing in computer science.								
ENT	EECS	<b>CS</b>	<b>6980</b>	<b>Graduate Research Seminar</b>	Seminar	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: PR, F								
		COURSE DESC:		Research seminar for graduate students in computer science.								
ENT	EECS	<b>CTCH</b>	<b>1250</b>	<b>Introduction to Computers</b>	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	<b>CTCH</b>	<b>1270</b>	<b>Introduction to Website Management</b>	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.								
ENT	EECS	<b>CTCH</b>	<b>1300</b>	<b>Technologies for Project Planning and Communication</b>	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	<b>CTCH</b>	<b>1330</b>	<b>Introduction to Computer Programming</b>	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	<b>CTCH</b>	<b>1330</b>	<b>Introduction to Computer Programming</b>	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	<b>CTCH</b>	<b>1600</b>	<b>Network Concepts I</b>	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	<b>CTCH</b>	<b>1610</b>	<b>Network Concepts II</b>	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	<b>CTCH</b>	<b>1620</b>	<b>Network Systems I</b>	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	<b>CTCH</b>	<b>1630</b>	<b>Network Systems II</b>	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.								

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ENT	EECS	<b>CTCH</b>	<b>1710</b>	<b>Social Media Content Creation</b>	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	<b>CTCH</b>	<b>1801</b>	<b>Introduction to Microsoft Word</b>	Lecture	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		WARNING: No credit for CTCH 1250 or BMT 2000 Students learn the basics of creating and editing a basic word processing document using Microsoft Word. Techniques covered include page formatting such as setting margins and controlling layout, formatting text with color and font choice, paragraph formatting with spacing and justification, and use of graphics such as pictures and clipart.								
ENT	EECS	<b>CTCH</b>	<b>1802</b>	<b>Intermediate Microsoft Word</b>	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	<b>CTCH</b>	<b>1803</b>	<b>Advanced Microsoft Word</b>	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	<b>CTCH</b>	<b>1804</b>	<b>Introduction to Microsoft Excel</b>	Lecture	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		WARNING: No credit for CTCH 1250 or BMT 2000 Gives the student the necessary skills to create, edit, format, and print basic spreadsheets using Microsoft Excel								
ENT	EECS	<b>CTCH</b>	<b>1805</b>	<b>Intermediate Microsoft Excel</b>	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.								
ENT	EECS	<b>CTCH</b>	<b>1806</b>	<b>Advanced Microsoft Excel</b>	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	<b>CTCH</b>	<b>1807</b>	<b>Introduction to Microsoft Access</b>	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	<b>CTCH</b>	<b>1808</b>	<b>Intermediate Microsoft Access</b>	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	<b>CTCH</b>	<b>1809</b>	<b>Advanced Microsoft Access</b>	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	<b>CTCH</b>	<b>1821</b>	<b>Introduction to Microsoft PowerPoint</b>	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	<b>CTCH</b>	<b>1822</b>	<b>Intermediate MS PowerPoint</b>	Lecture	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Introduces intermediate level skills using Microsoft PowerPoint.								
ENT	EECS	<b>CTCH</b>	<b>1823</b>	<b>Creating Interactive Teaching Slides</b>	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	<b>CTCH</b>	<b>1824</b>	<b>Introduction to Home Networks</b>	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.								

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ENT	EECS	<b>CTCH</b>	<b>1825</b>	<b>Introduction to Microsoft Project</b>	Lecture	1	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Introduces the use of Microsoft Project application software to create, track, and report on a basic project schedule.								
ENT	EECS	<b>CTCH</b>	<b>1891</b>	<b>Internetworking I</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Introduces the architecture, structure, functions, components, and models of the Internet and other computer networks. Instruction includes the OSI model and industry standards; network topologies; IP addressing, including subnet masks; and basic network design. Installation and operation of a simple routed and switched network.								
ENT	EECS	<b>CTCH</b>	<b>1892</b>	<b>Internetworking II</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Describes the architecture, components, and operation of routers, and explains the principles of routing and routing protocols. Analyze, configure, verify, and troubleshoot commonly used routing protocols, such as RIPv1, RIPv2, EIGRP, and OSPF.								
ENT	EECS	<b>CTCH</b>	<b>1893</b>	<b>Internetworking III</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		In-depth introduction of how switches operate and are implemented in the LAN environment for small and large networks. Instruction includes LAN switch operation, VLAN implementation, and wireless network operation. Analyze, configure, verify, and troubleshoot VLANs, RSTP, VTP, and wireless networks. Campus network design and Layer 3 switching concepts introduced.								
ENT	EECS	<b>CTCH</b>	<b>1894</b>	<b>Internetworking IV</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Explains the principles of network traffic control and access control lists (ACLs) and provides an overview of the services and protocols at the data link layer for wide-area access. Explores user access technologies and devices; how to implement and configure common WAN protocols and services.								
ENT	EECS	<b>CTCH</b>	<b>1900</b>	<b>Special Topics and Workshops</b>	Lecture	1 to 3	6		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Special topics and workshops in introductory computer science topics.								
ENT	EECS	<b>CTCH</b>	<b>2140</b>	<b>Computer System Maintenance and Troubleshooting</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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.								
ENT	EECS	<b>CTCH</b>	<b>2300</b>	<b>Human and Computer Interaction</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>CTCH</b>	<b>2330</b>	<b>Survey of Emerging Languages</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Study of new emerging programming languages and frameworks.								
ENT	EECS	<b>CTCH</b>	<b>2340</b>	<b>COBOL Programming I</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>CTCH</b>	<b>2341</b>	<b>COBOL Programming II</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Continuation of CTCH 3400 with emphasis on table handling and file processing.								
ENT	EECS	<b>CTCH</b>	<b>2380</b>	<b>Assembler Programming</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>CTCH</b>	<b>2400</b>	<b>C++ Programming</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>CTCH</b>	<b>2410</b>	<b>Visual BASIC Programming</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Introduction to logic and visual programming techniques. Includes analyzing, designing, coding, testing, and debugging computer applications using visual BASIC programming.								

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ENT	EECS	<b>CTCH</b>	<b>2420</b>	<b>Java Programming</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in CTCH 1330								
		COURSE DESC:		Introduction to logic and Java programming. Includes analyzing, designing coding, testing, and debugging computer applications using Java.								
ENT	EECS	<b>CTCH</b>	<b>2430</b>	<b>C Programming</b>	Lecture	3	0		N	U20		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CTCH 1330								
		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	<b>CTCH</b>	<b>2500</b>	<b>System Analysis</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (BMT 2000 or CTCH 1250)								
		COURSE DESC:		Planning and management of information systems projects, along with tools for analysis and evaluation of alternatives.								
ENT	EECS	<b>CTCH</b>	<b>2640</b>	<b>Computer and Network Security</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CTCH 1600 or 1891								
		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	<b>CTCH</b>	<b>2650</b>	<b>Network Design and Implementation</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (CTCH 1600 or 1891)								
		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	<b>CTCH</b>	<b>2660</b>	<b>Wireless Systems</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CTCH 1600 or 1891								
		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	<b>CTCH</b>	<b>2670</b>	<b>Introduction to Cloud Computing</b>	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.								
ENT	EECS	<b>CTCH</b>	<b>2700</b>	<b>Network Management and Administration</b>	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	<b>CTCH</b>	<b>2800</b>	<b>Operating Systems</b>	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	<b>CTCH</b>	<b>2801</b>	<b>Creating eBooks</b>	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	<b>CTCH</b>	<b>2802</b>	<b>Introduction to Google Docs</b>	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	<b>CTCH</b>	<b>2803</b>	<b>Safe Facebooking</b>	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	<b>CTCH</b>	<b>2804</b>	<b>Photoshop: Basic Correction Techniques</b>	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	<b>CTCH</b>	<b>2805</b>	<b>Photoshop Artistic Enhancements</b>	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	<b>CTCH</b>	<b>2850</b>	<b>Database Management Systems</b>	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.								

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ENT	EECS	<b>CTCH</b>	<b>2860</b>	<b>Database Application Development</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CTCH 1330 and 2850								
				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	<b>CTCH</b>	<b>2870</b>	<b>Database Administration</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in CTCH 2850								
				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	<b>CTCH</b>	<b>2900</b>	<b>Special Topics</b>	Lecture	1 to 8	8		I	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Permission required								
				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	<b>CTCH</b>	<b>2920</b>	<b>Practicum</b>	Practicum	1 to 6	6		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: Permission required and no more than 6 hours of CTCH 2920								
				CR								
				Practicum content varies								
ENT	EECS	<b>EE</b>	<b>1014</b>	<b>Introduction to Electrical Engineering</b>	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MATH 1200 or above or math placement level 2 or higher								
				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	<b>EE</b>	<b>1014</b>	<b>Introduction to Electrical Engineering</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MATH 1200 or above or math placement level 2 or higher								
				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	<b>EE</b>	<b>1024</b>	<b>Introduction to Computer Engineering</b>	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MATH 1200 or math placement level 2 or higher								
				Introduction to the field of computer engineering. Develops a knowledge of the fundamentals of Boolean algebra, binary arithmetic, characteristics of logic gates, and flip-flops. Lab work provides hands-on experience with digital systems.								
ENT	EECS	<b>EE</b>	<b>1024</b>	<b>Introduction to Computer Engineering</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MATH 1200 or math placement level 2 or higher								
				Introduction to the field of computer engineering. Develops a knowledge of the fundamentals of Boolean algebra, binary arithmetic, characteristics of logic gates, and flip-flops. Lab work provides hands-on experience with digital systems.								
ENT	EECS	<b>EE</b>	<b>2104</b>	<b>Circuits I</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (EE 101 or 1014) and (MATH 2301 or concurrent)								
				DC circuit analysis, Kirchhoff's laws, nodal and mesh analysis, circuit theorems, operational amplifiers, inductance and capacitance, first-order RC and RL circuits, second-order RLC circuits, transient response analysis, and AC circuit analysis using phasors.								
ENT	EECS	<b>EE</b>	<b>2104</b>	<b>Circuits I</b>	Recitation	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (EE 101 or 1014) and (MATH 2301 or concurrent)								
				DC circuit analysis, Kirchhoff's laws, nodal and mesh analysis, circuit theorems, operational amplifiers, inductance and capacitance, first-order RC and RL circuits, second-order RLC circuits, transient response analysis, and AC circuit analysis using phasors.								
ENT	EECS	<b>EE</b>	<b>2114</b>	<b>Circuits II</b>	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in EE 2104 and EE 2213								
				Continuation of EE 2104. AC power analysis, three-phase circuits, magnetically coupled circuits and transformers, frequency response, passive and active filters, and circuit analysis using the Laplace transform. Includes a laboratory.								
ENT	EECS	<b>EE</b>	<b>2114</b>	<b>Circuits II</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in EE 2104 and EE 2213								
				Continuation of EE 2104. AC power analysis, three-phase circuits, magnetically coupled circuits and transformers, frequency response, passive and active filters, and circuit analysis using the Laplace transform. Includes a laboratory.								
ENT	EECS	<b>EE</b>	<b>2213</b>	<b>Instrumentation Laboratory</b>	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: EE 2104 or concurrent								
				Introduction to electrical instruments and measurement techniques. Emphasis on electrical characteristic, limitations, and proper use of electrical laboratory equipment. Safety in operation and experimental procedures covered. Emphasis also placed on the proper acquisition, recording, analysis, and reporting of data. Format includes classroom instruction and laboratory work.								



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ENT	EECS	EE	2213	<b>Instrumentation Laboratory</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: EE 2104 or concurrent Introduction to electrical instruments and measurement techniques. Emphasis on electrical characteristic, limitations, and proper use of electrical laboratory equipment. Safety in operation and experimental procedures covered. Emphasis also placed on the proper acquisition, recording, analysis, and reporting of data. Format includes classroom instruction and laboratory work.	Lecture	3	0		N	U30		0
ENT	EECS	EE	2324	<b>Analytical Foundations of Electrical Engineering</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: (CS 210 or 240A or 2400) and (EE 101 or 1014) and MATH 2302 Vector analysis with applications to electromagnetic fields. Matrix theory with applications to state variable formulation of linear and non-linear systems. Complex variable theory with applications to systems in preparation for Laplace transforms. Analysis of ordinary differential equations. Special analytical techniques for the solution of complex engineering problems utilizing computer-oriented techniques.	Lecture	4	0		N	U30		0
ENT	EECS	EE	2324	<b>Analytical Foundations of Electrical Engineering</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: (CS 210 or 240A or 2400) and (EE 101 or 1014) and MATH 2302 Vector analysis with applications to electromagnetic fields. Matrix theory with applications to state variable formulation of linear and non-linear systems. Complex variable theory with applications to systems in preparation for Laplace transforms. Analysis of ordinary differential equations. Special analytical techniques for the solution of complex engineering problems utilizing computer-oriented techniques.	Recitation	4	0		N	U30		0
ENT	EECS	EE	2900	<b>Special Topics in Electrical Engineering &amp; Computer Science</b> ELIGIBLE GRADES: GEC3: A-F, COURSE DESC: REQUISITE: CR Specific course content will vary with offering.	Lecture	1 to 15	999		N	U30		0
ENT	EECS	EE	3051	<b>Basic Electrical Laboratory</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: EE 3143 or concurrent Lab supplement to EE 3143. Operation of semiconductor devices, amplifier design, oscillators and digital circuits design. Not open for credit to electrical engineering majors.	Laboratory	1	0		N	U30		0
ENT	EECS	EE	3143	<b>Basic Electrical Engineering II</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: ET 3132 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	<b>Electromagnetics and Materials I</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: EE 2324 or MATH 440 Explores Maxwell's equations through an overview of properties of materials, electrostatics, magnetostatics and electrostatics, and magnetostatics and electrodynamics.	Lecture	4	0		N	U30		0
ENT	EECS	EE	3214	<b>Electromagnetics and Materials I</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: EE 2324 or MATH 440 Explores Maxwell's equations through an overview of properties of materials, electrostatics, magnetostatics and electrostatics, and magnetostatics and electrodynamics.	Recitation	4	0		N	U30		0
ENT	EECS	EE	3223	<b>Electromagnetics and Materials II</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: EE 3214 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	<b>Electromagnetics and Materials II</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: EE 3214 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	<b>Linear Signals and Systems</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: REQUISITE: EE 2114 and EE 2324 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

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ENT	EECS	EE	3334	<b>Linear Signals and Systems</b> ELIGIBLE GRADES: GEC1: A-F 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	<b>Electronics I</b> ELIGIBLE GRADES: GEC1: A-F 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	<b>Electronics I</b> ELIGIBLE GRADES: GEC1: A-F 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	<b>Digital Signals and Systems</b> ELIGIBLE GRADES: GEC1: A-F 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	<b>Computer Organization</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Computer organization and architecture with emphasis in the design of single and multicore architectures; quantitative cost, performance-power trade-offs, Amdahl's Law, instruction set architecture (RISC), assembly language programming, number representations, adders and simple ALUs, integer and floating point computer arithmetic, single and multi-cycle implementation of control and data-path design, pipelining with hazard detection, memory hierarchy and memory management, cache and virtual memory, and I/O devices. Term paper/project involving computer hardware design and system simulation required.	Lecture	3	0		N	U30		0
ENT	EECS	EE	3713	<b>Applied Probability and Statistics for Electrical Engineers</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Fundamentals of statistics and probability and the ability to apply them to problems in electrical engineering.	Lecture	3	0		N	U30		0
ENT	EECS	EE	3753	<b>Introduction to Computer Networks</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Computer networks with an emphasis on the design and working of Internet, protocol layers, service models, HTTP, FTP, electronic mail, UDP, TCP, congestion control, hierarchical routing, internet protocol (IP), IPv4, IPv6, data link layer, error correction and detection, multiple access protocols, Ethernet, bridges, hubs, wireless link, PPP, ATM, multimedia over IP, and basic security such as encryption, authentication and firewalls.	Lecture	3	0		N	U30		0
ENT	EECS	EE	3954	<b>Microprocessors and Microcontrollers</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduction to microcontrollers and their architecture; assembly language; timing analysis of assembly language programs; digital input/output (I/O); in-depth discussion on the use of built-in peripheral devices such as timers, analog-to-digital converters, EEPROM storage devices, capture/compare/PWM, and parallel and serial communication devices; serial communication includes both synchronous communication (SPI, I2C) and asynchronous (USART) communication; introduction to systems of networked microcontrollers; advanced fixed-point arithmetic on a microcontroller.	Laboratory	4	0		N	U30		0
ENT	EECS	EE	3954	<b>Microprocessors and Microcontrollers</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Introduction to microcontrollers and their architecture; assembly language; timing analysis of assembly language programs; digital input/output (I/O); in-depth discussion on the use of built-in peripheral devices such as timers, analog-to-digital converters, EEPROM storage devices, capture/compare/PWM, and parallel and serial communication devices; serial communication includes both synchronous communication (SPI, I2C) and asynchronous (USART) communication; introduction to systems of networked microcontrollers; advanced fixed-point arithmetic on a microcontroller.	Lecture	4	0		N	U30		0
ENT	EECS	EE	3963	<b>Electric Machines</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Basic principles of electromechanical machines. Circuit models and parameter tests for single-phase and 3-phase transformers. Fundamentals of DC machinery; circuit models and characteristics of DC motors. Fundamentals of AC machinery; theory and operation of synchronous machines and induction motors.	Lecture	3	0		N	U30		0
ENT	EECS	EE	3973	<b>Electronics II</b> ELIGIBLE GRADES: GEC1: A-F 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	<b>Physical and Power Electronics</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Simplified 1-dimensional band theory of solids. Valence and conduction band occupancy from Fermi-Dirac statistics. Hole conduction and doping. Derivation of PN junction volt-amp-temperature characteristic. DC and AC characteristics of junction transistors derived from fundamentals. Application of semiconductor theory to solid state devices. Charge control analysis. Electro-optical effects. Semiconductor devices for the conversion and control of electric power. Device protection.	Lecture	3	0		N	U30		0

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ENT	EECS	EE	4143	<b>Design of Digital Circuits</b>	Lecture	3	0		N	U30		0
				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.								
ENT	EECS	EE	4183	<b>Micro and Nano Fabrication</b>	Lecture	3	0		N	U30		0
				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.								
ENT	EECS	EE	4213	<b>Feedback Control Theory</b>	Lecture	3	0		N	U30		0
				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.								
ENT	EECS	EE	4290	<b>Mechanics and Control of Robotic Manipulators</b>	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: Sr only								
				COURSE DESC: Classification and applications for mechanical manipulator systems. Manipulator motion description, forward kinematics transformations, and solution of inverse kinematics equations. Velocity kinematics and manipulator dynamics equations. Trajectory generation and control schemes including sensory feedback. Laboratory exercises to augment lecture material.								
ENT	EECS	EE	4290A	<b>Honors Experience: Mechanics &amp; Control of Robotic Manipulators</b>	Ind Study	0	0		N	U30		0
				ELIGIBLE GRADES: GEC7: CR, F, REQUISITE: ME/EE 4290 concurrent and student in the OHIO Honors program								
				COURSE DESC: NC OHIO Honors curricula experience in Mechanics and Control of Robotic Manipulators.								
ENT	EECS	EE	4313	<b>Optoelectronics and Photonics</b>	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 321 or 3223								
				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.								
ENT	EECS	EE	4323	<b>Solar Cell and Photovoltaics</b>	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 3343								
				COURSE DESC: Introduction to solar cell technology, photovoltaic (PV) systems, with strong focus on energy conversion, photovoltaic technology and applications. Examines basics of solar cell devices and photovoltaic systems; physical models of solar cell operation; design principles of standalone and grid integrated PV systems; topics relevant to increasing solar cell efficiency, and new concepts in PV design. To become proficient in using, operating, and designing PV systems, examples of PV systems are presented and analyzed.								
ENT	EECS	EE	4403	<b>Antenna and Microwave Theory</b>	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 3214								
				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.								
ENT	EECS	EE	4523	<b>Introduction to Electric Power System Engineering and Analysis</b>	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 3963 or EE 3143								
				COURSE DESC: Includes power system representation, computer methods, symmetrical components, protection methods, and stability.								
ENT	EECS	EE	4673	<b>Embedded Systems</b>	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 3954EE 395A or 3954								
				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.								
ENT	EECS	EE	4683	<b>Computer Architecture</b>	Lecture	3	0		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 3613								
				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.								

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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	4713	<b>Communication Engineering</b> ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 3334 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	4853	<b>Electronic Navigation Systems</b> ELIGIBLE GRADES: GEC1: A-F REQUISITE: EE 3334 COURSE DESC: Principles and theory of operation of electronic navigation systems with emphasis on avionics; aircraft instrumentation, VOR, DME, Inertial, ILS, MLS, GPS, and air traffic control.	Lecture	3	0		N	U30		0
ENT	EECS	EE	4900	<b>Special Topics in Electrical Engineering</b> ELIGIBLE GRADES: GEC1: A-F REQUISITE: Permission required COURSE DESC: Selected topics of current interest in electrical engineering.	Lecture	1 to 6	6		I	U30		0
ENT	EECS	EE	4913	<b>Programmable Logic Controllers</b> 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.	Laboratory	3	0		N	U30		0
ENT	EECS	EE	4913	<b>Programmable Logic Controllers</b> 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.	Lecture	3	0		N	U30		0
ENT	EECS	EE	4953	<b>Electrical and Computer Engineering Capstone Design I</b> 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.	Laboratory	3	0		N	U30		0
ENT	EECS	EE	4953	<b>Electrical and Computer Engineering Capstone Design I</b> 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.	Lecture	3	0		N	U30		0
ENT	EECS	EE	4963	<b>Electrical and Computer Engineering Capstone Design II</b> 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.	Lecture	3	0	BLD; BSL; CAP	N	U30		0
ENT	EECS	EE	5003	<b>Computational Tools for Engineers</b> 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.	Lecture	3	0		N	G50		0
ENT	EECS	EE	5053	<b>Physical and Power Electronics</b> 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.	Lecture	3	0		N	G50		0
ENT	EECS	EE	5143	<b>Design of Digital Circuits</b> 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.	Lecture	3	0		N	G50		0
ENT	EECS	EE	5183	<b>Micro and Nano Fabrication</b> 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.	Lecture	3	0		N	G50		0

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ENT	EECS	EE	5213	<b>Feedback Control Theory</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G50		0
				GEC1: A-F REQUISITE: Introduction to analysis and design of feedback control systems. Introductory topics include mathematical modeling and computer simulation of physical systems, linear approximations of nonlinear systems, transfer function and state equation representations, and feedback control system block diagrams, characteristics, and performance specifications. Also covered are frequency domain methods for stability, sensitivity, robustness, and performance analysis and techniques for compensator design and simulation verification. MATLAB® and Simulink used extensively.								
ENT	EECS	EE	5290	<b>Mechanics and Control of Robotic Manipulators</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G50		0
				GEC1: A-F REQUISITE: 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	<b>Optoelectronics and Photonics</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G50		0
				GEC1: A-F REQUISITE: Introduction to fundamentals of the light propagation in solid media, passive devices like waveguides and optical fiber. Introduction to important modern active optoelectronic devices. Emphasizes basic physical theory needed to understand LEDs, laser diodes, photodetectors, photovoltaics and their construction and applications.								
ENT	EECS	EE	5403	<b>Microwave Theory and Devices</b> 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	<b>Introduction to Electric Power System Engineering and Analysis</b> 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	<b>Embedded Systems</b> 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	<b>Computer Architecture</b> 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	<b>Communication Engineering</b> 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	<b>Computer Network Communication</b> 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	5853	<b>Electronic Navigation Systems</b> 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	<b>Special Topics in Electrical Engineering</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	1 to 6	6		N	G50		0
				GEC1: A-F REQUISITE: Selected topics of current interest in electrical engineering.								

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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	6013	<b>Electromagnetic Wave Propagation in Electronic Navigation Systems</b> 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	<b>Radar Systems</b> 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	<b>Inertial Navigation Systems</b> 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	<b>Satellite-Based Navigation Systems</b> 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	<b>Integrated Navigation Systems</b> 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	<b>Navigation Receiver Design</b> 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	<b>Aviation Standards, Software Design and certification</b> 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	<b>Vehicle Control</b> 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	<b>High Accuracy Satellite Navigation Systems</b> 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	<b>VLSI Systems Design</b> 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	<b>VLSI Systems Design</b> 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

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ENT	EECS	EE	6163	<b>Computer Aided Analysis of Electronic Networks</b> 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	<b>Fault Testable Design</b> 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	<b>Nanoelectronic Devices and Applications</b> 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	<b>Nonlinear System Analysis I</b> 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	<b>State-Space Methods in Control</b> 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	<b>Integrated optics and passive photonic devices in integrated technologies.</b> 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	<b>Integrated Optoelectronics and Photonics</b> 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	<b>Modern Optical Materials and Devices</b> 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

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ENT	EECS	EE	6413	<b>Advanced Antenna Theory</b> 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	<b>Computational Methods in Electromagnetics</b> 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	<b>Design and Control of Manufacturing Systems</b> 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	<b>Architecture of Parallel Computers</b> 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	<b>Digital Image Processing</b> 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	<b>Computer Vision</b> 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 conjecture, 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	<b>Pattern Recognition</b> 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	<b>Interconnection Networks for High-Performance Computing Systems</b> 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	<b>Digital Signal Processing</b> 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	<b>Digital Communications</b> 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	<b>Advanced Topics in Signal Processing</b> 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



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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	EE	6743	<b>Information Theory</b> 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	<b>Advanced Electronic Navigation Systems</b> 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	<b>Special Topics in Electrical Engineering</b> 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	<b>Graduate Internship in Electrical Engineering</b> 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	<b>Independent Study</b> 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	<b>MS Research</b> 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	<b>MS Project Report</b> ELIGIBLE GRADES: GEC5: CR, REQUISITE: Permission required COURSE DESC: MS project report.	Studio	1 to 18	18		I	G40		0
ENT	EECS	EE	6950	<b>Thesis</b> ELIGIBLE GRADES: GEC5: CR, REQUISITE: COURSE DESC: MS thesis.	Thesis	1 to 18	999		N	G40		0
ENT	EECS	EE	6981	<b>Graduate Research Seminar</b> 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	<b>Automata Theory</b> 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	<b>VLSI Design of Neural Networks</b> 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

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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	7183	<b>Reinforcement Learning</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G50		0
				<p>GEC1: A-F REQUISITE: 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.</p> <p>"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."</p> <p>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?</p>								
ENT	EECS	EE	7213	<b>Cognitive Neuroscience and Embodied Intelligence</b> ELIGIBLE GRADES: COURSE DESC:	Laboratory	4	0		N	G50		0
				<p>GEC1: A-F REQUISITE: This course considers neurological, psychological, and structural models of intelligence. It uses these models as a basis for discussion and development of new models that may exhibit potential for creating embodied intelligence. The majority of biological intelligence creatures are simple, yet they can achieve complex information processing that current artificial intelligence cannot match. Can we use these simple models to learn how to design better artificial intelligence? Thus this course is a combination of what we know about intelligence with discovery what makes it possible.</p> <p>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.</p> <p>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.</p>								
ENT	EECS	EE	7213	<b>Cognitive Neuroscience and Embodied Intelligence</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	4	0		N	G50		0
				<p>GEC1: A-F REQUISITE: This course considers neurological, psychological, and structural models of intelligence. It uses these models as a basis for discussion and development of new models that may exhibit potential for creating embodied intelligence. The majority of biological intelligence creatures are simple, yet they can achieve complex information processing that current artificial intelligence cannot match. Can we use these simple models to learn how to design better artificial intelligence? Thus this course is a combination of what we know about intelligence with discovery what makes it possible.</p> <p>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.</p> <p>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.</p>								
ENT	EECS	EE	7233	<b>Nonlinear System Analysis II</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	3	0		N	G50		0
				<p>GEC1: A-F 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.</p>								

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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	<b>Time Frequency Analysis and Wavelet Signal Processing and Applications</b> 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	<b>Mobile Communications</b> 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	<b>CDMA and Spread Spectrum Communications</b> 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	<b>Advanced Digital Control Systems</b> 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	<b>Advanced Probability and Stochastic Processes for Communications</b> 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	<b>Advanced State Variable Methods in Control</b> 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	<b>Linear Optimal Control</b> 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	<b>Nonlinear Control System Design</b> 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	<b>Nonlinear Control System Design</b> 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	<b>Special Topics in Electrical Engineering</b> 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	<b>Doctoral Research</b> GEC5: CR, REQUISITE: PR, F COURSE DESC: Doctoral research.	Research	1 to 18	999		N	G50		0

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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	8950	<b>Dissertation</b>	Thesis	1 to 18	999		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
				GEC5: CR, REQUISITE:								
				PR, F								
				Doctoral dissertation research and writing.								

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ENT	ENT	<b>ENGT</b>	<b>2210</b>	<b>Programmable Controllers, Instrumentation and Process Control I</b>	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ENGT 2000 or IMT 2000) and (ENGT 2200 or IMT 2200)								
		COURSE DESC:		Introduces process control including transducers and controller principles. Emphasis on instrumentation, programmable controllers, and analog and digital control of the manufacturing process.								
ENT	ENT	<b>ENGT</b>	<b>2210</b>	<b>Programmable Controllers, Instrumentation and Process Control I</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ENGT 2000 or IMT 2000) and (ENGT 2200 or IMT 2200)								
		COURSE DESC:		Introduces process control including transducers and controller principles. Emphasis on instrumentation, programmable controllers, and analog and digital control of the manufacturing process.								
ENT	ENT	<b>ET</b>	<b>1000</b>	<b>The History of Engineering and Technology in Society</b>	Lecture	3	0	ACNW	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Intended for students of all majors; non-Engineering and Technology students are encouraged. Provides an overview of engineering and technology in a historical context, to examine the views of supporters and detractors, to examine moral and ethical issues associated with the profession in society, to evaluate the economics of decisions upon society, and to examine the interdependences between economic, social and environmental systems on a local, national and global scale through critical thinking and collaboration.								
ENT	ENT	<b>ET</b>	<b>1060</b>	<b>Engineering Orientation</b>	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:								
		COURSE DESC:		PR, F Introduction to the Russ College and exploration of the ways engineers and technologists interact with society.								
ENT	ENT	<b>ET</b>	<b>1100</b>	<b>Engineering Graphics Fundamentals</b>	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	<b>ET</b>	<b>1100</b>	<b>Engineering Graphics Fundamentals</b>	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	<b>ET</b>	<b>1500</b>	<b>Engineering and Technology: Career Orientation</b>	Lecture	.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:								
		COURSE DESC:		PR, F 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	<b>ET</b>	<b>1910</b>	<b>Cooperative Education Field Experience I</b>	Internship	1	10	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: ET 1500								
		COURSE DESC:		PR, F Required of, and limited to, students on approved co-op work assignments. Prior approval required before a student registers. Credit earned is not applicable toward specific degree requirements, but will accumulate in the student's academic credit total. In addition to continual monitoring of student's progress by the cooperative education coordinator and the faculty advisor, participating students are required to submit a final report of their activities.								
ENT	ENT	<b>ET</b>	<b>2100</b>	<b>Engineering Programming</b>	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	<b>ET</b>	<b>2100</b>	<b>Engineering Programming</b>	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.								

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ENT	ENT	<b>ET</b>	<b>2200</b>	<b>Statics</b>	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	<b>ET</b>	<b>2220</b>	<b>Strength of Materials</b>	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	<b>ET</b>	<b>2240</b>	<b>Dynamics</b>	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	<b>ET</b>	<b>2300</b>	<b>Principles of Engineering Materials</b>	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.								
ENT	ENT	<b>ET</b>	<b>2400</b>	<b>Fundamentals of Statistics</b>	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	<b>ET</b>	<b>2450</b>	<b>Engineering Statistics</b>	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	<b>ET</b>	<b>2900</b>	<b>Special Topics in Engineering Technology</b>	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	<b>ET</b>	<b>2910</b>	<b>Cooperative Education Field Experience II</b>	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	<b>ET</b>	<b>3132</b>	<b>Basic Electrical Engineering I</b>	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	<b>ET</b>	<b>3200</b>	<b>Engineering Thermodynamics</b>	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)						
		COURSE DESC:		Application of thermodynamics to engineering problems, including the first and second laws of thermodynamics.								
ENT	ENT	<b>ET</b>	<b>3300</b>	<b>Engineering Economy</b>	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	<b>ET</b>	<b>3800J</b>	<b>Engineering and Technology Public Policy</b>	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.								

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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	3910	<b>Cooperative Education Field Experience III</b>	Internship	1	10	BLD	N	U30		0
				ELIGIBLE GRADES: GEC5: CR, PR, F								
				COURSE DESC: Required of, and limited to, students on approved co-op work assignments. Prior approval required before a student registers. Credit earned is not applicable toward specific degree requirements, but will accumulate in the student's academic credit total. In addition to continual monitoring of student's progress by the cooperative education coordinator and the faculty advisor, participating students are required to submit a final report of their activities.								
ENT	ENT	ET	4000	<b>Professional Engineering Fundamentals Review</b>	Lecture	1	0		N	U30		0
				ELIGIBLE GRADES: GEC6: CR, PR, F								
				COURSE DESC: Review of basic engineering principles. Provides a compact review of basic engineering principles and illustrated by practical solutions.								
ENT	ENT	ET	4000	<b>Professional Engineering Fundamentals Review</b>	Recitation	1	0		N	U30		0
				ELIGIBLE GRADES: GEC6: CR, PR, F								
				COURSE DESC: Review of basic engineering principles. Provides a compact review of basic engineering principles and illustrated by practical solutions.								
ENT	ENT	ET	4520	<b>Appropriate Technology in Developing Countries</b>	Lecture	3	0	3	N	U30		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: Appropriate technology can be roughly defined as technology that best suits the economic, social, environmental, and political as well as technological needs of the people employing it. It is apparent from this definition that the development and analysis of appropriate technologies requires the consideration of elements from multiple fields. For both technical and non-technical majors. Provide a synthesis experience through an introduction to appropriate technology in developing countries. Using case studies and a design project, students will examine the economic and anthropological as well as technical aspects of problems in developing countries.								
ENT	ENT	ET	4521	<b>Engineering and Technology Projects in Developing Countries: Design</b>	Lecture	3	6		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: Students will contribute their discipline specific knowledge and skills as part of a multidisciplinary team to meet the engineering needs of a community in a developing country. Specific areas of need could include water treatment and distribution, energy systems, light construction, sanitation, and small-scale industries. As part of the team, they will be required to contribute to the development of specifications and a project plan including budget, materials, schedule and labor. They will be expected to master new relevant technical and non-technical material through attendance at lectures, consultation with faculty and professional mentors and self study. They will be also be expected to design and develop a sub-system that is part of a solution that is economically, environmentally, socially and ethically appropriate.								
ENT	ENT	ET	4900	<b>Special Topics in Engineering Technology</b>	Lecture	1 to 15	999		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, CR								
				COURSE DESC: Specific course content will vary with offering.								
ENT	ENT	ET	4910	<b>Cooperative Education Field Experience IV</b>	Internship	1	10	BLD	N	U30		0
				ELIGIBLE GRADES: GEC5: CR, PR, F								
				COURSE DESC: Required of, and limited to, students on approved co-op work assignments. Prior approval required before a student registers. Credit earned is not applicable toward specific degree requirements, but will accumulate in the student's academic credit total. In addition to continual monitoring of student's progress by the cooperative education coordinator and the faculty advisor, participating students are required to submit a final report of their activities.								
ENT	ENT	ET	4914	<b>Engineering and Technology Project in Developing Countries: Implementation</b>	Internship	1 to 3	9	BLD	N	U30		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: Students will contribute their discipline specific knowledge and skills as part of a multidisciplinary team to meet the engineering needs of a community in a developing country. Specific areas of need could include water treatment and distribution, energy systems, light construction, sanitation, and small-scale industries. This course will focus on the project implementation. Students will be expected to travel to a developing country as part of an education abroad experience and coordinate the realization of a project sub-system. Students will also be expected to work as part of an intercultural team and to expand their knowledge of the host country's culture.								
ENT	ENT	ET	4950	<b>Robe Leadership Seminar</b>	Seminar	3	0		I	U30		0
				ELIGIBLE GRADES: GEC1: A-F								
				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	<b>Engineering Economy</b>	Lecture	2	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F								
				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.								

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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	5520	<b>Appropriate Technology in Developing Countries</b> GEC1: A-F REQUISITE: Appropriate technology can be roughly defined as technology that best suits the economic, social, environmental, and political as well as technological needs of the people employing it. It is apparent from this definition that the development and analysis of appropriate technologies requires the consideration of elements from multiple fields. For both technical and non-technical majors. Provide a synthesis experience through an introduction to appropriate technology in developing countries. Using case studies and a design project, students will examine the economic and anthropological as well as technical aspects of problems in developing countries.	Lecture	3	0		N	G40		0
ENT	ENT	ET	5900	<b>Selected Topics</b> GEC4: A-F, REQUISITE: CR, PR A typical topic would be Engineering Writing, where students develop the ability to think critically as a professional communicator	Lecture	1 to 4	99		N	G40		0
ENT	ENT	ET	5950	<b>Robe Leadership Seminar</b> GEC1: A-F REQUISITE: Permission required Through selected readings, class presentations, discussions, and case studies, students will seek an understanding of leadership and its importance and effectiveness in achieving goals with followers. Successful leaders in engineering and other fields will visit the class and share their knowledge of leadership. Several written reports and oral presentations on leadership case studies will be required during the term.	Seminar	3	0		I	G40		0
ENT	ENT	ET	6020	<b>Technical Writing Seminar</b> GEC6: CR, REQUISITE: PR, F 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.	Lecture	1	0		N	G40		0
ENT	ENT	ET	6100	<b>Seminar on Teaching Engineering and Technology</b> GEC1: A-F REQUISITE: 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.	Lecture	3	0		N	G40		0
ENT	ENT	ET	6900	<b>Special Topics in Engineering Technology</b> GEC4: A-F, REQUISITE: CR, PR Specific course content will vary with offering.	Lecture	1 to 15	999		N	G40		0
ENT	ENT	ET	7990	<b>Engineering Synthesis Seminar</b> GEC4: A-F, REQUISITE: Completion of 20 semester hours of Ph.D. coursework CR, PR Integration of engineering and technology topics through group discussion with focus on technical communication.	Lecture	2	0		N	G40		0
ENT	ENT	ET	8900	<b>Special Topics in Engineering Technology</b> GEC4: A-F, REQUISITE: CR, PR Specific course content will vary with offering.	Lecture	1 to 15	999		N	G40		0
ENT	ENT	ET	8940	<b>Doctoral Research</b> GEC5: CR, REQUISITE: PR, F Doctoral-level research in mechanical and systems engineering.	Research	1 to 18	999		N	G40		0
ENT	ENT	ET	8950	<b>Dissertation</b> GEC5: CR, REQUISITE: PR, F Doctoral dissertation research, under the direction of a graduate faculty member.	Thesis	1 to 18	999		N	G40		0



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ENT	ETM	<b>ENGT</b>	<b>1100</b>	<b>Introduction to Engineering Technology</b>	Lecture	.5	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Introduction to career opportunities, job functions, and professional organizations in Engineering Technology. Discussion of curriculum and program procedures.								
ENT	ETM	<b>ENGT</b>	<b>1150</b>	<b>Welding and Fabricating</b>	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Welding and fabricating, including use of sheet metal fabricating. Covers gas and electric welding and cutting processes, as well as weld joint preparation and finishing.								
ENT	ETM	<b>ENGT</b>	<b>1150</b>	<b>Welding and Fabricating</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Welding and fabricating, including use of sheet metal fabricating. Covers gas and electric welding and cutting processes, as well as weld joint preparation and finishing.								
ENT	ETM	<b>ENGT</b>	<b>1170</b>	<b>Metal Machining I</b>	Laboratory	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Basic operation and capabilities of conventional machine tools commonly used in the repair and maintenance of industrial equipment.								
ENT	ETM	<b>ENGT</b>	<b>1170</b>	<b>Metal Machining I</b>	Lecture	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Basic operation and capabilities of conventional machine tools commonly used in the repair and maintenance of industrial equipment.								
ENT	ETM	<b>ENGT</b>	<b>1190</b>	<b>Manufacturing Materials and Processes</b>	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	<b>ENGT</b>	<b>1190</b>	<b>Manufacturing Materials and Processes</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	<b>ENGT</b>	<b>1200</b>	<b>Basic Electronics</b>	Laboratory	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Math placement level 1 or higher or (Math D004 or Math D005)						
		COURSE DESC:		Introductory knowledge of electricity and solid state electronics. Basic electrical terms, units, symbols, schematics, and code. Fundamentals of alternating current and direct current electricity. Ohm's Law applied to series and parallel networks. Inductance and capacitance theory. Test equipment used for troubleshooting. Fundamentals of solid state theory and application. Operating characteristics of diodes, transistors, and I.C.s. Concludes with introduction to computers and microprocessors.								
ENT	ETM	<b>ENGT</b>	<b>1200</b>	<b>Basic Electronics</b>	Lecture	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Math placement level 1 or higher or (Math D004 or Math D005)						
		COURSE DESC:		Introductory knowledge of electricity and solid state electronics. Basic electrical terms, units, symbols, schematics, and code. Fundamentals of alternating current and direct current electricity. Ohm's Law applied to series and parallel networks. Inductance and capacitance theory. Test equipment used for troubleshooting. Fundamentals of solid state theory and application. Operating characteristics of diodes, transistors, and I.C.s. Concludes with introduction to computers and microprocessors.								
ENT	ETM	<b>ENGT</b>	<b>1500</b>	<b>Machine Repair</b>	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Basic machine components used to build industrial machinery. Topics include gears and gear boxes, drivers, clutches, brakes, chains, couplings, and others. Includes a hands-on laboratory experience providing the necessary skills to repair or replace these components in various types of machinery.								
ENT	ETM	<b>ENGT</b>	<b>1500</b>	<b>Machine Repair</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Basic machine components used to build industrial machinery. Topics include gears and gear boxes, drivers, clutches, brakes, chains, couplings, and others. Includes a hands-on laboratory experience providing the necessary skills to repair or replace these components in various types of machinery.								
ENT	ETM	<b>ENGT</b>	<b>1890</b>	<b>Special Topics</b>	Lecture	1 to 3	6		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR						
		COURSE DESC:		Special topics that are current and relevant to the engineering technology field. May be repeated.								
ENT	ETM	<b>ENGT</b>	<b>2000</b>	<b>Electrical Motors, Control Circuits, and Computers</b>	Laboratory	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	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	<b>ENGT</b>	<b>2000</b>	<b>Electrical Motors, Control Circuits, and Computers</b>	Lecture	4	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	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.								

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ENT	ETM	<b>ENGT</b>	<b>2100</b>	<b>Career Preparation in Engineering Technology</b>	Lecture	.5	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENGT 1100								
		COURSE DESC:		This course covers information on employment opportunities, career enhancement activities, and professional development in Engineering Technology.								
ENT	ETM	<b>ENGT</b>	<b>2170</b>	<b>Computer Numerical Control Machining Principles</b>	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 1100 and ENGT 1190								
		COURSE DESC:		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	<b>ENGT</b>	<b>2170</b>	<b>Computer Numerical Control Machining Principles</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ET 1100 and ENGT 1190								
		COURSE DESC:		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	<b>ENGT</b>	<b>2200</b>	<b>Basic Hydraulics and Pneumatics</b>	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:		Application of hydraulic and pneumatic principles to common industrial control circuits, emphasizing maintenance of hardware and circuitry.								
ENT	ETM	<b>ENGT</b>	<b>2200</b>	<b>Basic Hydraulics and Pneumatics</b>	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:		Application of hydraulic and pneumatic principles to common industrial control circuits, emphasizing maintenance of hardware and circuitry.								
ENT	ETM	<b>ENGT</b>	<b>2211</b>	<b>Programmable Controllers, Instrumentation and Process Control II</b>	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENGT 2210 or IMT 2210								
		COURSE DESC:		Continuation of ENGT 2210. Study of process control including transducers and controller principles. Emphasis on process control.								
ENT	ETM	<b>ENGT</b>	<b>2211</b>	<b>Programmable Controllers, Instrumentation and Process Control II</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENGT 2210 or IMT 2210								
		COURSE DESC:		Continuation of ENGT 2210. Study of process control including transducers and controller principles. Emphasis on process control.								
ENT	ETM	<b>ENGT</b>	<b>2230</b>	<b>Automation and Robotics</b>	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENGT 2210								
		COURSE DESC:		This course provides an introduction to robotics and digital controls used in manufacturing with an emphasis on robotic classifications, economic criteria for selecting robots, and programming within automation. Lab activities include programming of robots and developing/designing robotic work cells related to the control of mechanical, hydraulic, pneumatic and electrical systems.								
ENT	ETM	<b>ENGT</b>	<b>2230</b>	<b>Automation and Robotics</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENGT 2210								
		COURSE DESC:		This course provides an introduction to robotics and digital controls used in manufacturing with an emphasis on robotic classifications, economic criteria for selecting robots, and programming within automation. Lab activities include programming of robots and developing/designing robotic work cells related to the control of mechanical, hydraulic, pneumatic and electrical systems.								
ENT	ETM	<b>ENGT</b>	<b>2250</b>	<b>Programmable Logic Controllers II and Motor Controls</b>	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENGT 2210								
		COURSE DESC:		This course covers the theory and application of industrial power rotating machines and computer control. Topics include motor principles, classification and application, the study of process control including transducers and controller principles with emphasis on process control. Lab activities include working with motor control circuits, single phase, 3-phase systems, relays, and overload protection as well as testing and maintenance procedures.								
ENT	ETM	<b>ENGT</b>	<b>2250</b>	<b>Programmable Logic Controllers II and Motor Controls</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ENGT 2210								
		COURSE DESC:		This course covers the theory and application of industrial power rotating machines and computer control. Topics include motor principles, classification and application, the study of process control including transducers and controller principles with emphasis on process control. Lab activities include working with motor control circuits, single phase, 3-phase systems, relays, and overload protection as well as testing and maintenance procedures.								
ENT	ETM	<b>ENGT</b>	<b>2300</b>	<b>Tool Design</b>	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	<b>ENGT</b>	<b>2300</b>	<b>Tool Design</b>	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.								

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ENT	ETM	<b>ENGT</b>	<b>2400</b>	<b>Materials and Material Testing</b>	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Applications of materials used in manufacturing and design, including metals, plastics, ceramics, lubricants, coatings, and testing methods.								
ENT	ETM	<b>ENGT</b>	<b>2400</b>	<b>Materials and Material Testing</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Applications of materials used in manufacturing and design, including metals, plastics, ceramics, lubricants, coatings, and testing methods.								
ENT	ETM	<b>ENGT</b>	<b>2630</b>	<b>Process Control</b>	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F				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	<b>ENGT</b>	<b>2630</b>	<b>Process Control</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F				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	<b>ENGT</b>	<b>2750</b>	<b>Self-Directed Work Teams</b>	Laboratory	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>ENGT</b>	<b>2750</b>	<b>Self-Directed Work Teams</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>ENGT</b>	<b>2850</b>	<b>Lean Enterprise</b>	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	<b>ENGT</b>	<b>2850</b>	<b>Lean Enterprise</b>	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	<b>ENGT</b>	<b>2870</b>	<b>Safety Management</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>ENGT</b>	<b>2900</b>	<b>Special Topics in Engineering Technology</b>	Lecture	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		CR Specific course content will vary with offering.								
ENT	ETM	<b>ENGT</b>	<b>2930</b>	<b>Independent Study</b>	Ind Study	1 to 4	4		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		CR Study of a particular topic pertinent to the engineering technology field under the direction of a faculty member. May be repeated.								
ENT	ETM	<b>ENGT</b>	<b>2990</b>	<b>Externship</b>	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	<b>ENGT</b>	<b>2990</b>	<b>Externship</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
SORTED BY 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	<b>ETM</b>	<b>1000</b>	<b>Introduction to Engineering Technology and Management</b>	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	<b>ETM</b>	<b>1020</b>	<b>Engineering Graphics II and Dimensional Metrology</b>	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	<b>ETM</b>	<b>1020</b>	<b>Engineering Graphics II and Dimensional Metrology</b>	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	<b>ETM</b>	<b>1030</b>	<b>Enterprise Computer Methods</b>	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	<b>ETM</b>	<b>1030</b>	<b>Enterprise Computer Methods</b>	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	<b>ETM</b>	<b>1100</b>	<b>Introduction to Manufacturing Processes</b>	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	<b>ETM</b>	<b>1130</b>	<b>Introduction to Engineering and Technological Sciences</b>	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	<b>ETM</b>	<b>1130</b>	<b>Introduction to Engineering and Technological Sciences</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	<b>ETM</b>	<b>2030</b>	<b>Advanced Enterprise Computer Methods</b>	Laboratory	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Study of advanced methods used to solve enterprise computing problems. Emphasis is on developing solutions using common software, installing, configuring, and maintaining computer hardware. Software utilization for project management (Project), advanced spreadsheet use in solving business problems, and organization and systems diagramming.								
ENT	ETM	<b>ETM</b>	<b>2030</b>	<b>Advanced Enterprise Computer Methods</b>	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Study of advanced methods used to solve enterprise computing problems. Emphasis is on developing solutions using common software, installing, configuring, and maintaining computer hardware. Software utilization for project management (Project), advanced spreadsheet use in solving business problems, and organization and systems diagramming.								
ENT	ETM	<b>ETM</b>	<b>2080</b>	<b>Industrial Plastics</b>	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (ET 1100 or ETM 101 or IT 101) and ETM 1120 and (CHEM 1210 or 1500 or 1510) and Advanced Standing in ETM								
		COURSE DESC:		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.								

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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	ETM	<b>ETM</b>	<b>2080</b>	<b>Industrial Plastics</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(ET 1100 or ETM 101 or IT 101) and ETM 1120 and (CHEM 1210 or 1500 or 1510) and Advanced Standing in ETM						
		COURSE DESC:		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	<b>ETM</b>	<b>2150</b>	<b>Metal Casting</b>	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 1120 and 2180 and 3010 and advanced standing in ETM						
		COURSE DESC:		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	<b>ETM</b>	<b>2150</b>	<b>Metal Casting</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 1120 and 2180 and 3010 and advanced standing in ETM						
		COURSE DESC:		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	<b>ETM</b>	<b>2180</b>	<b>Metal Fabrication and Casting</b>	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ET 1100 and ETM 1120 and (CHEM 1210 or 1500 or 1510) and Advanced Standing in ETM						
		COURSE DESC:		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	<b>ETM</b>	<b>2180</b>	<b>Metal Fabrication and Casting</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ET 1100 and ETM 1120 and (CHEM 1210 or 1500 or 1510) and Advanced Standing in ETM						
		COURSE DESC:		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	<b>ETM</b>	<b>2190</b>	<b>Welding Technology</b>	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 2180 and advanced standing in ETM						
		COURSE DESC:		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	<b>ETM</b>	<b>2190</b>	<b>Welding Technology</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ETM 2180 and advanced standing in ETM						
		COURSE DESC:		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	<b>ETM</b>	<b>2210</b>	<b>Applied Mechatronics</b>	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(PHYS 2001 or 2051) 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	<b>ETM</b>	<b>2210</b>	<b>Applied Mechatronics</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(PHYS 2001 or 2051) 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	<b>ETM</b>	<b>2510</b>	<b>Production Metal Machining</b>	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	<b>ETM</b>	<b>2510</b>	<b>Production Metal Machining</b>	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	<b>ETM</b>	<b>2900</b>	<b>Special Topics in Engineering Technology and Management</b>	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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COURSE LISTING  
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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	<b>ETM</b>	<b>3001</b>	<b>Introduction to Technical Operations Management</b>	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:							
		COURSE DESC:		Introduction to career opportunities, job functions, and professional organizations in Technical Operations Management. Discussion of curriculum and departmental procedures.								
ENT	ETM	<b>ETM</b>	<b>3010</b>	<b>Engineering Graphics Applications</b>	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	<b>ETM</b>	<b>3010</b>	<b>Engineering Graphics Applications</b>	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	<b>ETM</b>	<b>3015</b>	<b>Aspects of Technical Operations Management</b>	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	<b>ETM</b>	<b>3020</b>	<b>Computer Graphics</b>	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	<b>ETM</b>	<b>3020</b>	<b>Computer Graphics</b>	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.								
ENT	ETM	<b>ETM</b>	<b>3030</b>	<b>Applications of Object Oriented Programming</b>	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	<b>ETM</b>	<b>3030</b>	<b>Applications of Object Oriented Programming</b>	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	<b>ETM</b>	<b>3070</b>	<b>Manufacturing Design &amp; Laboratory</b>	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	<b>ETM</b>	<b>3070</b>	<b>Manufacturing Design &amp; Laboratory</b>	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								

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ENT	ETM	<b>ETM</b>	<b>3100</b>	<b>Product Design</b>	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	<b>ETM</b>	<b>3100</b>	<b>Product Design</b>	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	<b>ETM</b>	<b>3200</b>	<b>Hydraulics and Pneumatics</b>	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	<b>ETM</b>	<b>3200</b>	<b>Hydraulics and Pneumatics</b>	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	<b>ETM</b>	<b>3310</b>	<b>Database Applications &amp; Analytics</b>	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	<b>ETM</b>	<b>3310</b>	<b>Database Applications &amp; Analytics</b>	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	<b>ETM</b>	<b>3320</b>	<b>Electronics and Micro-Controllers</b>	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ETM 3030 and (PHYS 2001 or 2051) 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	<b>ETM</b>	<b>3320</b>	<b>Electronics and Micro-Controllers</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ETM 3030 and (PHYS 2001 or 2051) 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	<b>ETM</b>	<b>3420</b>	<b>Programmable Logic Controllers and Process Control</b>	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	<b>ETM</b>	<b>3420</b>	<b>Programmable Logic Controllers and Process Control</b>	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	<b>ETM</b>	<b>3470</b>	<b>Plastics Molding Processes</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>ETM</b>	<b>3470</b>	<b>Plastics Molding Processes</b>	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	<b>ETM</b>	<b>3480</b>	<b>Plastics Forming and Composites Fabrication</b>	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	<b>ETM</b>	<b>3480</b>	<b>Plastics Forming and Composites Fabrication</b>	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	<b>ETM</b>	<b>3490</b>	<b>Plastics Tooling</b>	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	<b>ETM</b>	<b>3490</b>	<b>Plastics Tooling</b>	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	<b>ETM</b>	<b>3510</b>	<b>Production Tooling</b>	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	<b>ETM</b>	<b>3510</b>	<b>Production Tooling</b>	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	<b>ETM</b>	<b>3520</b>	<b>Computer Numerical Control Processes</b>	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	<b>ETM</b>	<b>3520</b>	<b>Computer Numerical Control Processes</b>	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.								
ENT	ETM	<b>ETM</b>	<b>3540</b>	<b>Automatic Identification and Data Capture</b>	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	<b>ETM</b>	<b>3540</b>	<b>Automatic Identification and Data Capture</b>	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	<b>ETM</b>	<b>3620</b>	<b>Supervision and Leadership</b>	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	<b>ETM</b>	<b>3625</b>	<b>Supervision and Leadership in Technical Organizations</b>	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.								



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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	<b>ETM</b>	<b>3630</b>	<b>Quality Management Systems</b>	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	<b>ETM</b>	<b>3630</b>	<b>Quality Management Systems</b>	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	<b>ETM</b>	<b>3635</b>	<b>Quality Assurance and Technical Documentation</b>	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	<b>ETM</b>	<b>3700J</b>	<b>Professional and Technical Writing</b>	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	<b>ETM</b>	<b>3820</b>	<b>Technical Project Management</b>	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	<b>ETM</b>	<b>3830</b>	<b>Enterprise Project Management</b>	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	<b>ETM</b>	<b>3830</b>	<b>Enterprise Project Management</b>	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	<b>ETM</b>	<b>3900</b>	<b>Industrial Materials</b>	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	<b>ETM</b>	<b>3900</b>	<b>Industrial Materials</b>	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.								
ENT	ETM	<b>ETM</b>	<b>4000</b>	<b>Senior Seminar</b>	Lecture	.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:	Sr only and Advanced Standing in ETM						
		COURSE DESC:		Discussion of projected employment opportunities, career enhancement activities, and professional development options in industrial technology.								
ENT	ETM	<b>ETM</b>	<b>4005</b>	<b>Technical Operations Management Senior Seminar</b>	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE:	ETM 3625 and ETM 3635 and SR and ETM major						
		COURSE DESC:		Discussion sessions relating to projected employment opportunities, career enhancement activities, and professional development options in technical operations management.								
ENT	ETM	<b>ETM</b>	<b>4010</b>	<b>Dimensional Analysis</b>	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.								

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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	<b>ETM</b>	<b>4300</b>	<b>Enterprise Supply Chain Logistics</b>	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	<b>ETM</b>	<b>4300</b>	<b>Enterprise Supply Chain Logistics</b>	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	<b>ETM</b>	<b>4320</b>	<b>Lean Enterprise Methods</b>	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	<b>ETM</b>	<b>4320</b>	<b>Lean Enterprise Methods</b>	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	<b>ETM</b>	<b>4325</b>	<b>Lean Systems</b>	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	<b>ETM</b>	<b>4330</b>	<b>Radio Frequency Identification for the Supply Chain</b>	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	<b>ETM</b>	<b>4330</b>	<b>Radio Frequency Identification for the Supply Chain</b>	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	<b>ETM</b>	<b>4350</b>	<b>Automation, Robotics &amp; Control Systems</b>	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.								
ENT	ETM	<b>ETM</b>	<b>4350</b>	<b>Automation, Robotics &amp; Control Systems</b>	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	<b>ETM</b>	<b>4420</b>	<b>Purchasing and Supply Chain Management</b>	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	<b>ETM</b>	<b>4600</b>	<b>Applied Technical Operations Management</b>	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.								

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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	<b>ETM</b>	<b>4620</b>	<b>Operations and Production Capstone</b>	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	<b>ETM</b>	<b>4620</b>	<b>Operations and Production Capstone</b>	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	<b>ETM</b>	<b>4621</b>	<b>Operations Management Capstone I</b>	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	<b>ETM</b>	<b>4621</b>	<b>Operations Management Capstone I</b>	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	<b>ETM</b>	<b>4622</b>	<b>Operations Management Capstone II</b>	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.								
ENT	ETM	<b>ETM</b>	<b>4622</b>	<b>Operations Management Capstone II</b>	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	<b>ETM</b>	<b>4830</b>	<b>Safety Management</b>	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	<b>ETM</b>	<b>4840</b>	<b>Maintenance Systems</b>	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.								

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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	ETM	<b>ETM</b>	<b>4900</b>	<b>Special Topics in Engineering Technology and Management</b>	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	<b>ETM</b>	<b>4930</b>	<b>Independent Study in Engineering Technology Management.</b>	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	<b>ETM</b>	<b>5320</b>	<b>Lean Enterprise Methods</b>	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	<b>ETM</b>	<b>5320</b>	<b>Lean Enterprise Methods</b>	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	<b>ETM</b>	<b>5900</b>	<b>Special Topics in Engineering Technology and Management</b>	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	<b>ETM</b>	<b>5930</b>	<b>SPCL TOPICS IN TECHNOLOGY</b>	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	<b>PM</b>	<b>6100</b>	<b>Project Management I</b>	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	<b>PM</b>	<b>6200</b>	<b>Project Management II</b>	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	<b>PM</b>	<b>6500</b>	<b>Change and Risk Management</b>	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.								
ENT	ETM	<b>PM</b>	<b>6600</b>	<b>Lean Six Sigma Methods</b>	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	<b>PM</b>	<b>6800</b>	<b>Project Management Capstone</b>	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.								

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ENT	ETM	<b>PM</b>	<b>6900</b>	<b>Special Topics in Project Management</b>	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	<b>PM</b>	<b>6950</b>	<b>Project Management Thesis</b>	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.								

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ENT	ISE	<b>EMGT</b>	<b>6000</b>	<b>Foundations of Engineering Management</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>EMGT</b>	<b>6010</b>	<b>Communication Skills for Engineers</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>EMGT</b>	<b>6100</b>	<b>Statistics for Engineering Management</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Estimation theory, hypothesis testing, and statistical prediction, simple linear regression, multiple regression, transformations, analysis of variance, and simple experimental design.								
ENT	ISE	<b>EMGT</b>	<b>6110</b>	<b>Principles of Six Sigma</b>	Lecture	4	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	<b>EMGT</b>	<b>6120</b>	<b>Quality Systems</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Focuses on the concepts of total quality management including: philosophies and frameworks of quality management, incorporating quality into strategic planning, leadership, process measurement and management, continuous quality improvement, and ISO 9000. Original writings by major figures in the quality movement, such as Deming, Juran, Tagucji, etc. will be discussed.								
ENT	ISE	<b>EMGT</b>	<b>6200</b>	<b>Information Systems Engineering</b>	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 how to utilize a Rapid Application Development tool to extract needed information from a database.								
ENT	ISE	<b>EMGT</b>	<b>6210</b>	<b>Database Information Systems</b>	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	<b>EMGT</b>	<b>6220</b>	<b>Data Acquisition and Predictive Analytics</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>EMGT</b>	<b>6300</b>	<b>Project Management</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Modeling of project constraints using network methodologies such as CPM and PERT to determine activities critical to meeting a project deadline. Utilization of stochastic models to determine possible changes in the critical path. Will also cover methods for economic evaluation of project alternatives.								
ENT	ISE	<b>EMGT</b>	<b>6400</b>	<b>Engineering Law</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>EMGT</b>	<b>6500</b>	<b>Lean Thinking Methods</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>EMGT</b>	<b>6600</b>	<b>Applied Accounting and Finance for Engineering Management</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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.								

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ENT	ISE	<b>EMGT</b>	<b>6700</b>	<b>Engineering Leadership</b>	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	<b>EMGT</b>	<b>6900</b>	<b>Special Topics in Engineering Management</b>	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		CR, PR	Specific course content will vary with offering.							
ENT	ISE	<b>EMGT</b>	<b>6930</b>	<b>Special Investigations</b>	Ind Study	1 to 6	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		CR, PR	Independent study of a topic in engineering management under the guidance of a faculty member.							
ENT	ISE	<b>EMGT</b>	<b>6949</b>	<b>Engineering Management Project</b>	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	<b>ISE</b>	<b>1100</b>	<b>Introduction to Computers and Industrial Engineering</b>	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	<b>ISE</b>	<b>1200</b>	<b>Software Tools for Industrial and Systems Engineering</b>	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	<b>ISE</b>	<b>2100</b>	<b>Data Management and Display</b>	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	<b>ISE</b>	<b>2900</b>	<b>Special Topics in Industrial Systems Engineering</b>	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		CR	Specific course content will vary with offering.							
ENT	ISE	<b>ISE</b>	<b>3210</b>	<b>Engineering Probability</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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 Introduction to probability, concept of random variables, discrete and continuous probability distributions, and expectation.								
ENT	ISE	<b>ISE</b>	<b>3341</b>	<b>Work Design</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (ISE1100 or ISE1200) and (ET2450 or ISE 2400 or ISE 3200 or ISE 3040) 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	<b>ISE</b>	<b>3910</b>	<b>Internship in Industrial and Systems Engineering</b>	Internship	1 to 3	3	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		CR	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	<b>ISE</b>	<b>4120</b>	<b>Inventory and Manufacturing Control I</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ISE 1100 and 3200 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.								

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ENT	ISE	<b>ISE</b>	<b>4130</b>	<b>Industrial Computer Simulation</b>	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	<b>ISE</b>	<b>4130</b>	<b>Industrial Computer Simulation</b>	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	<b>ISE</b>	<b>4140</b>	<b>Introduction to Operations Research</b>	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	<b>ISE</b>	<b>4150</b>	<b>Information Systems Engineering</b>	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	<b>ISE</b>	<b>4151</b>	<b>Information Systems Engineering</b>	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	<b>ISE</b>	<b>4151</b>	<b>Information Systems Engineering</b>	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	<b>ISE</b>	<b>4160</b>	<b>Principles of Six Sigma</b>	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.								
ENT	ISE	<b>ISE</b>	<b>4160</b>	<b>Principles of Six Sigma</b>	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	<b>ISE</b>	<b>4170</b>	<b>Lean Manufacturing and Service Systems</b>	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	<b>ISE</b>	<b>4170</b>	<b>Lean Manufacturing and Service Systems</b>	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	<b>ISE</b>	<b>4190</b>	<b>Senior Capstone Design I</b>	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.								



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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	ISE	<b>ISE</b>	<b>4191</b>	<b>Senior Capstone Design II</b>	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	<b>ISE</b>	<b>4192</b>	<b>Senior Capstone</b>	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	<b>ISE</b>	<b>4300</b>	<b>Introduction to Designed Experiments</b>	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	<b>ISE</b>	<b>4310</b>	<b>Introduction to Systems Engineering</b>	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	<b>ISE</b>	<b>4311</b>	<b>Applied Systems Engineering</b>	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.								
ENT	ISE	<b>ISE</b>	<b>4315</b>	<b>Decision Theory</b>	Lecture	2	0		N	U30		0
ELIGIBLE GRADES:				GEC1: A-F REQUISITE: ISE 3200 or MATH 2500								
COURSE DESC:				Introduction to decision theory and its applications are covered. Decision making under different circumstances are discussed. Fuzzy decision making is also briefly introduced. Single objective and multiple objectives cases are illustrated. Single person as well as multiple-person decision making is differentiated. Examples will be given from different applications such as inventory control, scheduling, system design, and economic analysis.								
ENT	ISE	<b>ISE</b>	<b>4320</b>	<b>Inventory and Manufacturing Control II</b>	Lecture	2	0		N	U30		0
ELIGIBLE GRADES:				GEC1: A-F REQUISITE: ISE 4120								
COURSE DESC:				Discussion of more advanced inventory and manufacturing control methods. Topics include forecasting, inventory control, aggregate planning, materials requirements planning, capacity requirements planning, conversion to cells, just-in-time/kanban, scheduling procedures, and production-rate based scheduling. A kanban design project is required as part of the course.								
ENT	ISE	<b>ISE</b>	<b>4325</b>	<b>Supply Chain Engineering</b>	Lecture	3	0		N	U30		0
ELIGIBLE GRADES:				GEC1: A-F REQUISITE: (MATH 3200 or 3210) and (ISE 3200 or ISE 3040 or CE 4000 or EE 3713 or MATH 2500)								
COURSE DESC:				This course explores the key issues associated with the design and management of supply chains. Supply chains are the cornerstone of today's global economy and are concerned with the efficient integration of suppliers, factories, warehouses and stores so that products are distributed to customers in the right quantity and at the right time.								
ENT	ISE	<b>ISE</b>	<b>4330</b>	<b>Cost Engineering</b>	Lecture	2	0		N	U30		0
ELIGIBLE GRADES:				GEC1: A-F REQUISITE: ET 3300 and ISE 3200								
COURSE DESC:				Instruction in product cost estimating, product value engineering, and manufacturing performance evaluation in state-of-the-art manufacturing systems. Examines the application of industrial engineering techniques, work measurement, cost accounting, and computers to manufacturing cost measurement and process design.								
ENT	ISE	<b>ISE</b>	<b>4335</b>	<b>Applications of Mathematical Programming</b>	Lecture	2	0		N	U30		0
ELIGIBLE GRADES:				GEC1: A-F REQUISITE: ISE 4140								
COURSE DESC:				Formulation and solution of various mathematical programming models. Topics include linear programming, integer programming, and mixed-integer programming. Various solution algorithms will also be discussed.								
ENT	ISE	<b>ISE</b>	<b>4345</b>	<b>Network Analysis</b>	Lecture	2	0		N	U30		0
ELIGIBLE GRADES:				GEC1: A-F REQUISITE: ISE 4140								
COURSE DESC:				Engineering project planning using such techniques as PERT and critical path method, resource allocation in project networks, shortest path models, spanning-tree problems, traveling salesman problems, maximum-flow problems, and other stochastic network models, such as GERT.								

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ENT	ISE	<b>ISE</b>	<b>4350</b>	<b>Database Information Systems</b>	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	<b>ISE</b>	<b>4355</b>	<b>Introduction to Reliability Engineering</b>	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	<b>ISE</b>	<b>4360</b>	<b>Facility Planning and Design</b>	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	<b>ISE</b>	<b>4365</b>	<b>Material Handling Systems Engineering</b>	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	<b>ISE</b>	<b>4370</b>	<b>Manufacturing Systems</b>	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	<b>ISE</b>	<b>4375</b>	<b>Computer Integrated Manufacturing</b>	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	<b>ISE</b>	<b>4380</b>	<b>Human Factors Engineering</b>	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.								
ENT	ISE	<b>ISE</b>	<b>4380</b>	<b>Human Factors Engineering</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ISE 3200 and 3340								
				Role of operator as subsystem in human-machine systems. Topics include design principles for workplace environments, such as: manual material handling, energy expenditure, information displays, equipment controls, information processing, vibration, and thermal stress. Lab assignments will emphasize data collection, design, analysis, and presentation.								
ENT	ISE	<b>ISE</b>	<b>4381</b>	<b>Industrial Ergonomics</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ISE 4380								
				This course is intended to prepare engineering and technology students to understand and use the concepts and tools in the field of ergonomics to reduce the risk of injury and improve productivity in the workplace. Topics covered will include biomechanics, basic mechanisms of injury, ergonomic assessment tools (posture, biomechanics, work physiology, and workload assessment), human error, and systems design and assessment.								
ENT	ISE	<b>ISE</b>	<b>4385</b>	<b>Seminar on Occupational Safety and Health</b>	Seminar	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Sr only								
				Historical development of worker's compensation and industrial health and safety; review of federal activities in occupational health and safety with focus on contemporary public policy and risk/benefit issues. Specific occupational health and safety issues dealt with in seminar format.								
ENT	ISE	<b>ISE</b>	<b>4390</b>	<b>Work Physiology and Occupational Biomechanics</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Sr only								
				Introduction to the theory and methodologies involved in work physiology and occupational biomechanics. Structural and functional design of the human body to determine its implications for the design of physical work, tools, and the workplace itself. Applications to classification of work, manual materials handling, tool design, workplace design, and worker selection and training. Selected environmental conditions that alter performance will be discussed.								
ENT	ISE	<b>ISE</b>	<b>4395</b>	<b>Cognitive Engineering</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Sr only								
				Addresses the human capabilities and limitations in information processing, learning, perception and attention, and applications of this knowledge to the analysis and design of human-machine interfaces in the work environment.								

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ENT	ISE	<b>ISE</b>	<b>4490</b>	<b>Project Management</b>	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	<b>ISE</b>	<b>4500</b>	<b>Colloquium</b>	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Sr only						
		COURSE DESC:		Presentations on topics related to the profession of Industrial and Systems Engineering.								
ENT	ISE	<b>ISE</b>	<b>4900</b>	<b>Special Topics</b>	Lecture	1 to 4	99		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		Courses offered on new and emerging topics in industrial and systems engineering.								
ENT	ISE	<b>ISE</b>	<b>4930</b>	<b>Special Investigations</b>	Ind Study	1 to 4	96		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		Independent study of a topic in industrial and systems engineering under the guidance of a faculty member.								
ENT	ISE	<b>ISE</b>	<b>5120</b>	<b>Inventory and Manufacturing Control I</b>	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	<b>ISE</b>	<b>5130</b>	<b>Industrial Computer Simulation</b>	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.								
ENT	ISE	<b>ISE</b>	<b>5130</b>	<b>Industrial Computer Simulation</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Simulation of industrial engineering systems using discrete event simulation. Events definition and classification. Application of event modeling approaches: event graphs, entity life cycle diagram, pseudo-code. Process modeling approach to simulation using visual modeling tools. Coverage of basic (entities, processes, and resources), intermediate (queues, seize and release), and advanced (entity transport) modeling concepts. Planning of simulation experiments and statistical analysis of the results. Animation of simulated model. Application of simulation in manufacturing, production, and service areas. Lab projects using simulation software.								
ENT	ISE	<b>ISE</b>	<b>5140</b>	<b>Introduction to Operations Research</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Introduction to basic methods of operations research, modeling methods, linear programming, simplex method, transportation and assignment models, and integer programming.								
ENT	ISE	<b>ISE</b>	<b>5150</b>	<b>Information Systems Engineering</b>	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 database development.								
ENT	ISE	<b>ISE</b>	<b>5151</b>	<b>Information Systems Engineering</b>	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		An introduction to applications of information systems industry and the design and implementation of these systems. Students will also learn systems modeling and database development.								
ENT	ISE	<b>ISE</b>	<b>5151</b>	<b>Information Systems Engineering</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		An introduction to applications of information systems industry and the design and implementation of these systems. Students will also learn systems modeling and database development.								
ENT	ISE	<b>ISE</b>	<b>5160</b>	<b>Principles of Six Sigma</b>	Laboratory	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Application of statistics to control of quality and reliability in products and services, including training in the Six Sigma DMAIC problem-solving methodology. Topics include tools and techniques for statistically-based product and process improvement; design of acceptance sampling and process control systems, including attention to inspection and test methods; and design and implementation of quality assurance programs, including nonstatistical dimensions of quality systems.								

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ENT	ISE	<b>ISE</b>	<b>5160</b>	<b>Principles of Six Sigma</b>	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	<b>ISE</b>	<b>5170</b>	<b>Lean Manufacturing and Service Systems</b>	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	<b>ISE</b>	<b>5170</b>	<b>Lean Manufacturing and Service Systems</b>	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	<b>ISE</b>	<b>5200</b>	<b>Engineering Statistics</b>	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	<b>ISE</b>	<b>5210</b>	<b>Engineering Probability</b>	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	<b>ISE</b>	<b>5300</b>	<b>Introduction to Designed Experiments</b>	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.								
ENT	ISE	<b>ISE</b>	<b>5310</b>	<b>Introduction to Systems Engineering</b>	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	<b>ISE</b>	<b>5311</b>	<b>Applied Systems Engineering</b>	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	<b>ISE</b>	<b>5315</b>	<b>Decision Theory</b>	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	<b>ISE</b>	<b>5320</b>	<b>Inventory and Manufacturing Control II</b>	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	<b>ISE</b>	<b>5325</b>	<b>Supply Chain Engineering</b>	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	<b>ISE</b>	<b>5330</b>	<b>Cost Engineering</b>	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.								

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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	ISE	<b>ISE</b>	<b>5335</b>	<b>Applications of Mathematical Programming</b>	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	<b>ISE</b>	<b>5340</b>	<b>Work Design</b>	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	<b>ISE</b>	<b>5341</b>	<b>Work Design</b>	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	<b>ISE</b>	<b>5345</b>	<b>Network Analysis</b>	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	<b>ISE</b>	<b>5350</b>	<b>Database Information Systems</b>	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	<b>ISE</b>	<b>5355</b>	<b>Introduction to Reliability Engineering</b>	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.								
ENT	ISE	<b>ISE</b>	<b>5360</b>	<b>Facility Planning and Design</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>ISE</b>	<b>5365</b>	<b>Material Handling Systems Engineering</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>ISE</b>	<b>5370</b>	<b>Manufacturing Systems</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>ISE</b>	<b>5375</b>	<b>Computer Integrated Manufacturing</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>ISE</b>	<b>5380</b>	<b>Human Factors Engineering</b>	Laboratory	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>ISE</b>	<b>5380</b>	<b>Human Factors Engineering</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Role of operator as subsystem in human-machine systems. Topics include design principles for workplace environments, such as: manual material handling, energy expenditure, information displays, equipment controls, information processing, vibration, and thermal stress. Lab assignments will emphasize data collection, design, analysis, and presentation.								

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ENT	ISE	<b>ISE</b>	<b>5381</b>	<b>Industrial Ergonomics</b>	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	<b>ISE</b>	<b>5385</b>	<b>Seminar on Occupational Safety and Health</b>	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	<b>ISE</b>	<b>5390</b>	<b>Work Physiology and Occupational Biomechanics</b>	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	<b>ISE</b>	<b>5395</b>	<b>Cognitive Engineering</b>	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	<b>ISE</b>	<b>5490</b>	<b>Project Management</b>	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	<b>ISE</b>	<b>5900</b>	<b>Special Topics</b>	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.								
ENT	ISE	<b>ISE</b>	<b>5910</b>	<b>Graduate Internship in ISE</b>	Field	1	0		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	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	<b>ISE</b>	<b>5930</b>	<b>Special Investigations</b>	Ind Study	1 to 4	8		N	G40		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	<b>ISE</b>	<b>6110</b>	<b>Analysis of Engineering Systems I</b>	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	<b>ISE</b>	<b>6115</b>	<b>Analysis of Engineering Systems II</b>	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	<b>ISE</b>	<b>6120</b>	<b>Probabilistic System Analysis</b>	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	<b>ISE</b>	<b>6140</b>	<b>Reliability in Design</b>	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	<b>ISE</b>	<b>6145</b>	<b>Design for Reliability</b>	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.								

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ENT	ISE	<b>ISE</b>	<b>6150</b>	<b>Information Systems Design</b>	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>ISE</b>	<b>6160</b>	<b>Environmental Systems Engineering</b>	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>ISE</b>	<b>6230</b>	<b>Seminar Transportation Systems</b>	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Covers planning, design and management transportation systems. Various aspects of transportation such as transportation modes (land, sea, air, rail) to safety and security issues are also discussed. Different transportation modeling approaches will also be introduced and studied (network modeling, mathematical modeling, and simulation, etc.).								
ENT	ISE	<b>ISE</b>	<b>6260</b>	<b>Artificial Neural Networks in Manufacturing</b>	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: The objective is to help the student develop an overall understanding of neural networks and how they can be used in manufacturing.								
ENT	ISE	<b>ISE</b>	<b>6300</b>	<b>Seminar in Industrial and Systems Engineering</b>	Seminar	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: CR 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	<b>ISE</b>	<b>6320</b>	<b>Seminar on the Control of Inventory and Manufacturing Systems</b>	Seminar	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ISE 5120 Advanced inventory control, scheduling, production planning, materials planning, lot sizing and forecasting techniques. Integration of scheduling and materials planning (Schedule-Based MRP/ERP), integration of inventory control and finite capacity scheduling. Critical review of current literature on inventory and manufacturing control.								
ENT	ISE	<b>ISE</b>	<b>6360</b>	<b>Project Analysis and Management</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: WARNING: Not ISE 5490 Development and utilization of network techniques, such as CPM and PERT, to schedule activities, develop financial budgets, allocate resources, and control progress and costs of practical projects. Students introduced to use of available computer programs that generate project schedules.								
ENT	ISE	<b>ISE</b>	<b>6400</b>	<b>Facilities Layout and Location</b>	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Construction and improvement algorithms for discrete layout problems. Math programming formulations for continuous layout problems; planar and network location models. Design of linear, nonlinear, quadratic, and network programming applications. Analysis of trade-offs between model realism and solvability.								
ENT	ISE	<b>ISE</b>	<b>6420</b>	<b>Warehouse and Distribution Systems Design</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Quantitative and operational approach to the design of the total receiving, storage, and retrieval system including packaging, palletizing, storage, order picking, shipping, facility design, information systems, and operating policy.								
ENT	ISE	<b>ISE</b>	<b>6500</b>	<b>Foundations of Engineering Management</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>ISE</b>	<b>6550</b>	<b>Engineering Supply Chain Management</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Examines networks of manufacturers and distributors. Study of buyer/supplier relationships and the procurement of materials, including product requirements and negotiations.								
ENT	ISE	<b>ISE</b>	<b>6600</b>	<b>Geometric Modeling in Manufacturing</b>	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>ISE</b>	<b>6710</b>	<b>Scheduling and Sequencing</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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.								

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ENT	ISE	<b>ISE</b>	<b>6900</b>	<b>Special topics</b>	Lecture	1 to 6	99		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Content varies based on the interest of the instructor.								
ENT	ISE	<b>ISE</b>	<b>6930</b>	<b>Independent Study in Industrial and Systems Engineering</b>	Ind Study	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		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	<b>ISE</b>	<b>6940</b>	<b>Research</b>	Research	1 to 18	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Research contents varies.								
ENT	ISE	<b>ISE</b>	<b>6949</b>	<b>Nonthesis Master's Project</b>	Research	1 to 18	18		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Project content varies.								
ENT	ISE	<b>ISE</b>	<b>6950</b>	<b>Thesis</b>	Thesis	1 to 18	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Thesis content varies.								
ENT	ISE	<b>ISE</b>	<b>7090</b>	<b>Intelligent Engineering Systems</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		The objective is to enable the students to learn methods and techniques of artificial intelligence and enable them to apply these methods in building knowledge-based engineering systems. Students will learn fundamental AI techniques (such as space search and knowledge representation) and study several techniques for building knowledge-based systems in various domains. After successfully completing this course, the students will possess enough theoretical knowledge and programming experience for building intelligent systems in their engineering disciplines.								
ENT	ISE	<b>ISE</b>	<b>7100</b>	<b>Genetic Algorithms in Manufacturing</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Genetic algorithms are search algorithms based on the mechanics of natural selection and natural genetic operators such as crossover and mutation. Genetic algorithms and evolutionary computation concepts will be presented. Their application to engineering problems in manufacturing system design, scheduling, lot sizing, layout, constrained optimization, vehicle routing and other network problems will be emphasized. In addition, their connections to other artificial intelligence paradigms, such as genetic programming, fuzzy logic, and artificial immune system will be introduced.								
ENT	ISE	<b>ISE</b>	<b>7260</b>	<b>Neural Networks Using OR</b>	Lecture	2	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		The objective is to help the student develop an overall understanding of advanced techniques using neural networks including knowledge extraction such as decision trees, grey box creation along with embedding ANNs into other software applications.								
ENT	ISE	<b>ISE</b>	<b>7265</b>	<b>Artificial Neural Networks in ISE</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: WARNING: No credit if taken after ISE 6260 or 7260								
		COURSE DESC:		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	<b>ISE</b>	<b>7270</b>	<b>Data Integration</b>	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Data integration, including object based structures, relational and hierarchical data. Typical structures will be in Express and XML. Topics will include recent articles on determining consistency and synchronization.								
ENT	ISE	<b>ISE</b>	<b>7275</b>	<b>Intelligent Decision Making in ISE</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		The objective of this course is to help the student develop an overall understanding of intelligent decision making through machine learning techniques.								
ENT	ISE	<b>ISE</b>	<b>7320</b>	<b>Seminar in the Control of Inventory and Manufacturing Systems</b>	Seminar	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ISE 5120								
		COURSE DESC:		Focus of this seminar is on case studies. It includes presentation of relevant case studies and literature followed by critique of the procedures used and the results obtained. Related research done within department included. Representatives of industry invited to present their control systems for critique.								



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ENT	ISE	<b>ISE</b>	<b>7325</b>	<b>Design and Control of Global Supply Chains</b>	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	<b>ISE</b>	<b>7330</b>	<b>Advanced Systems Simulation</b>	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	<b>ISE</b>	<b>7385</b>	<b>Systems Safety</b>	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	<b>ISE</b>	<b>7610</b>	<b>Operations Research I - Combinatorial Optimization</b>	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	<b>ISE</b>	<b>7620</b>	<b>Operations Research II - Urban OR</b>	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.								
ENT	ISE	<b>ISE</b>	<b>7630</b>	<b>Operations Research III - Queueing Theory and Applications</b>	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>ISE</b>	<b>7720</b>	<b>Optimization Engineering Systems I - Metaheuristics</b>	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>ISE</b>	<b>7730</b>	<b>Optimization Engineering Systems II - Swarm Optimization</b>	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>ISE</b>	<b>8900</b>	<b>Special Topics in Industrial and Systems Engineering</b>	Lecture	1 to 6	6		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: CR, PR	Permission required							
				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	<b>ISE</b>	<b>8930</b>	<b>Independent Study in Industrial and Systems Engineering</b>	Ind Study	1 to 6	99		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: CR, PR	Permission required							
				Course content is determined at the discretion of the instructor with an emphasis on individual study. It may involve advanced readings, lectures and presentations.								

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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	<b>ENE</b>	<b>1010</b>	<b>Introduction to Energy Engineering</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: This gateway course introduces students to the culture and problem solving methods of the energy engineering profession. Student teams will work cooperatively on engineering design projects while learning about and developing engineering competencies (including ethics and diversity).								
ENT	ME	<b>ENE</b>	<b>1800</b>	<b>Energy Engineering Colloquium IA</b>	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		CR	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	<b>ENE</b>	<b>1810</b>	<b>Energy Engineering Colloquium IB</b>	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	ET 1800						
		COURSE DESC:		CR	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	<b>ENE</b>	<b>3400</b>	<b>Fuels Conversion</b>	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	<b>ENE</b>	<b>3400</b>	<b>Fuels Conversion</b>	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	<b>ENE</b>	<b>3810</b>	<b>Energy Engineering Colloquium IIA</b>	Seminar	.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	ET 1810						
		COURSE DESC:		CR	Bi-weekly seminars presented by engineers from industry, faculty researchers, and others focusing on engineering opportunities.							
ENT	ME	<b>ENE</b>	<b>3820</b>	<b>Energy Engineering Colloquium IIB</b>	Seminar	.5	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	ENE 3810						
		COURSE DESC:		CR	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	<b>ENE</b>	<b>4100</b>	<b>Energy Engineering Senior Design I</b>	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	<b>ENE</b>	<b>4100</b>	<b>Energy Engineering Senior Design I</b>	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	<b>ENE</b>	<b>4110</b>	<b>Energy Engineering Senior Design II</b>	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	<b>ENE</b>	<b>4110</b>	<b>Energy Engineering Senior Design II</b>	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	<b>ENE</b>	<b>4500</b>	<b>Energy Conversion Laboratory</b>	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.								

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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	<b>ENE</b>	<b>4500</b>	<b>Energy Conversion Laboratory</b>	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.								
ENT	ME	<b>ME</b>	<b>1010</b>	<b>Mechanical Engineering - Gateway Course</b>	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This gateway course introduces students to the culture and problem solving methods of the mechanical engineering profession. Student teams will work cooperatively on engineering design projects while learning about and developing engineering competencies (including ethics and diversity).								
ENT	ME	<b>ME</b>	<b>1800</b>	<b>Mechanical Engineering Colloquium I</b>	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	ME 1010						
		COURSE DESC:		Weekly seminars presented by engineers from industry, faculty researchers, and others focusing on engineering opportunities.								
ENT	ME	<b>ME</b>	<b>2800</b>	<b>Mechanical Engineering</b>	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	ME 1800						
		COURSE DESC:		Activities and seminars related to the profession of engineering, career opportunities and preparation, and engineering competencies (including diversity and ethics).								
ENT	ME	<b>ME</b>	<b>2900</b>	<b>Special Topics in Mechanical Engineering</b>	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.								
ENT	ME	<b>ME</b>	<b>3011</b>	<b>Kinematics and Dynamics of Machines</b>	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	<b>ME</b>	<b>3012</b>	<b>Linear Systems Analysis and Control</b>	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	<b>ME</b>	<b>3022</b>	<b>Heat and Fluid Transport I</b>	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	<b>ME</b>	<b>3122</b>	<b>Heat and Fluid Transport II</b>	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	<b>ME</b>	<b>3140</b>	<b>Introduction to Manufacturing Processes</b>	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	<b>ME</b>	<b>3510</b>	<b>Computer Aided Design</b>	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	<b>ME</b>	<b>3700</b>	<b>Machine Design</b>	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	<b>ME</b>	<b>3800</b>	<b>Mechanical Engineering Colloquium III</b>	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	ME 2800						
		COURSE DESC:		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	<b>ME</b>	<b>4060</b>	<b>Analysis and Design of Mechanisms</b>	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.								

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ENT	ME	<b>ME</b>	<b>4070</b>	<b>Fundamentals of Nuclear Engineering</b>	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.								
ENT	ME	<b>ME</b>	<b>4110</b>	<b>Principles of Heating, Venting, Air Conditioning and Refrigeration</b>	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	<b>ME</b>	<b>4130</b>	<b>Conduction, Convection, and Radiation</b>	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	<b>ME</b>	<b>4141</b>	<b>Mechanics of Composite Materials</b>	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	<b>ME</b>	<b>4160</b>	<b>Combustion</b>	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	<b>ME</b>	<b>4170</b>	<b>Design of Thermal Systems</b>	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	<b>ME</b>	<b>4210</b>	<b>Applied Thermal Systems Design and Analysis</b>	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	<b>ME</b>	<b>4220</b>	<b>Stirling Cycle Machine Analysis</b>	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	<b>ME</b>	<b>4230</b>	<b>Fuel Cell Analysis, Design, and Development</b>	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	<b>ME</b>	<b>4250</b>	<b>Energy Geomechanics for Engineers</b>	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	<b>ME</b>	<b>4270</b>	<b>Power Station Engineering</b>	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	<b>ME</b>	<b>4310</b>	<b>Atmospheric Pollution Control</b>	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	<b>ME</b>	<b>4320</b>	<b>Analysis and Simulation of Transport Processes</b>	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.								

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ENT	ME	<b>ME</b>	<b>4340</b>	<b>Fundamentals of Aerosol Behavior</b>	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.								
ENT	ME	<b>ME</b>	<b>4350</b>	<b>Energy Engineering and Management</b>	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	<b>ME</b>	<b>4400</b>	<b>Direct Energy Conversion</b>	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	<b>ME</b>	<b>4460</b>	<b>Potential Flow Theory</b>	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	<b>ME</b>	<b>4470</b>	<b>Viscous Flow Theory</b>	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	<b>ME</b>	<b>4550</b>	<b>Mechatronics I</b>	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	<b>ME</b>	<b>4550</b>	<b>Mechatronics I</b>	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	<b>ME</b>	<b>4620</b>	<b>Mechanics of Metal Forming</b>	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	<b>ME</b>	<b>4630</b>	<b>Mechanics of Materials</b>	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	<b>ME</b>	<b>4650</b>	<b>Introduction to Composite Materials</b>	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	<b>ME</b>	<b>4660</b>	<b>Mechanics of Biological Solids</b>	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	<b>ME</b>	<b>4670</b>	<b>Engineering Biomechanics of Human Motion</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 2051 or 252								
		COURSE DESC:		Overview of human skeletal and muscular anatomy and physiology. Application of engineering mechanics to the musculoskeletal system. Kinematics, statics, and dynamics of human motions in engineering contexts. Human motion metrology.								
ENT	ME	<b>ME</b>	<b>4670A</b>	<b>Honors Experience: Engineering Biomechanics of Human Motion</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
SORTED BY 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	<b>ME</b>	<b>4680</b>	<b>Mechanics of Polymers</b>	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.								
ENT	ME	<b>ME</b>	<b>4690</b>	<b>Introduction to Nanomaterials</b>	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	<b>ME</b>	<b>4701</b>	<b>Mechanical Engineering Capstone Design I</b>	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	<b>ME</b>	<b>4701</b>	<b>Mechanical Engineering Capstone Design I</b>	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	<b>ME</b>	<b>4702</b>	<b>Mechanical Engineering Capstone Design II</b>	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	<b>ME</b>	<b>4702</b>	<b>Mechanical Engineering Capstone Design II</b>	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	<b>ME</b>	<b>4740</b>	<b>Advanced Machine Design</b>	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	<b>ME</b>	<b>4750</b>	<b>Solar Design</b>	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	<b>ME</b>	<b>4760</b>	<b>Automotive Engineering</b>	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	<b>ME</b>	<b>4770</b>	<b>Vehicle Systems Design</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: PHYS 2051 or 252								
		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	<b>ME</b>	<b>4780</b>	<b>Missiles guidance systems and rocket design</b>	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	<b>ME</b>	<b>4800</b>	<b>Mechanical Engineering Colloquium IV</b>	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.								

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ENT	ME	<b>ME</b>	<b>4880</b>	<b>Experimental Design Lab</b>	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.								
ENT	ME	<b>ME</b>	<b>4880</b>	<b>Experimental Design Lab</b>	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	<b>ME</b>	<b>4900</b>	<b>Special Topics in Mechanical Engineering</b>	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	<b>ME</b>	<b>4910</b>	<b>Mechanical Engineering Project</b>	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	<b>ME</b>	<b>4930</b>	<b>Special Investigation</b>	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	<b>ME</b>	<b>4950</b>	<b>Introduction to Kinetic Theory and Statistical Thermodynamics</b>	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	<b>ME</b>	<b>4960</b>	<b>Experimental Methods in Design</b>	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	<b>ME</b>	<b>4970</b>	<b>Methods of Engineering Analysis</b>	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	<b>ME</b>	<b>5060</b>	<b>Analysis and Design of Mechanisms</b>	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	<b>ME</b>	<b>5070</b>	<b>Fundamentals of Nuclear Engineering</b>	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	<b>ME</b>	<b>5110</b>	<b>Principles of Heating, Venting, Air Conditioning and Refrigeration</b>	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	<b>ME</b>	<b>5130</b>	<b>Conduction, Convection, and Radiation</b>	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	<b>ME</b>	<b>5141</b>	<b>Mechanics of Composite Materials</b>	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.								

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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	<b>ME</b>	<b>5160</b>	<b>Combustion</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>ME</b>	<b>5170</b>	<b>Design of Thermal Systems</b>	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	<b>ME</b>	<b>5220</b>	<b>Stirling Cycle Machine Analysis</b>	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	<b>ME</b>	<b>5230</b>	<b>Fuel Cell Analysis, Design, and Development</b>	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	<b>ME</b>	<b>5250</b>	<b>Energy Geomechanics for Engineers</b>	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	<b>ME</b>	<b>5270</b>	<b>Power Station Engineering</b>	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	<b>ME</b>	<b>5310</b>	<b>Atmospheric Pollution Control</b>	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	<b>ME</b>	<b>5320</b>	<b>Analysis and Simulation of Transport Processes</b>	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	<b>ME</b>	<b>5340</b>	<b>Fundamentals of Aerosol Behavior</b>	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	<b>ME</b>	<b>5350</b>	<b>Energy Engineering and Management</b>	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	<b>ME</b>	<b>5400</b>	<b>Direct Energy Conversion</b>	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	<b>ME</b>	<b>5460</b>	<b>Potential Flow Theory</b>	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	<b>ME</b>	<b>5470</b>	<b>Viscous Flow Theory</b>	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	<b>ME</b>	<b>5550</b>	<b>Mechatronics I</b>	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.								



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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	<b>ME</b>	<b>5550</b>	<b>Mechatronics I</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Design of intelligent devices. Interfacing of micro- and minicomputers with machines. Microprocessor characteristics, actuator characteristics, visual pattern recognition, design of devices. Theory and laboratory.								
ENT	ME	<b>ME</b>	<b>5620</b>	<b>Mechanics of Metal Forming</b>	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	<b>ME</b>	<b>5630</b>	<b>Mechanics of Materials</b>	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	<b>ME</b>	<b>5650</b>	<b>Introduction to Composite Materials</b>	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	<b>ME</b>	<b>5660</b>	<b>Mechanics of Biological Solids</b>	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	<b>ME</b>	<b>5670</b>	<b>Engineering Biomechanics of Human Motion</b>	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	<b>ME</b>	<b>5680</b>	<b>Mechanics of Polymers</b>	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	<b>ME</b>	<b>5690</b>	<b>Introduction to Nanomaterials</b>	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	<b>ME</b>	<b>5740</b>	<b>Advanced Machine Design</b>	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	<b>ME</b>	<b>5750</b>	<b>Solar Design</b>	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	<b>ME</b>	<b>5760</b>	<b>Automotive Engineering</b>	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	<b>ME</b>	<b>5770</b>	<b>Vehicle Systems Design</b>	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.								

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COURSE LISTING  
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ENT	ME	<b>ME</b>	<b>5780</b>	<b>Missiles guidance systems and rocket design</b>	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.								
ENT	ME	<b>ME</b>	<b>5800</b>	<b>Graduate Colloquium</b>	Seminar	1	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		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	<b>ME</b>	<b>5900</b>	<b>Special Topics in Mechanical Engineering</b>	Lecture	1 to 15	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.								
ENT	ME	<b>ME</b>	<b>5930</b>	<b>Special Investigation</b>	Ind Study	1 to 4	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	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	<b>ME</b>	<b>5950</b>	<b>Introduction to Kinetic Theory and Statistical Thermodynamics</b>	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	<b>ME</b>	<b>5960</b>	<b>Experimental Methods in Design</b>	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	<b>ME</b>	<b>6010</b>	<b>Advanced System Analysis and Control</b>	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	<b>ME</b>	<b>6040</b>	<b>Mechanics and Control of Multi-Degree-of-Freedom-Systems</b>	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	<b>ME</b>	<b>6050</b>	<b>Intermediate Dynamics</b>	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	<b>ME</b>	<b>6100</b>	<b>Advanced Vibrations Analysis</b>	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	<b>ME</b>	<b>6150</b>	<b>Thermal Stress Analysis</b>	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.								

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ENT	ME	<b>ME</b>	<b>6500</b>	<b>Advanced Engineering Mathematics I</b>	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.								
ENT	ME	<b>ME</b>	<b>6570</b>	<b>Introduction to Finite Element Methods</b>	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	<b>ME</b>	<b>6630</b>	<b>Advanced Mechanics of Materials</b>	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	<b>ME</b>	<b>6750</b>	<b>Mechanical Testing of Materials</b>	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	<b>ME</b>	<b>6900</b>	<b>Special Topics in Mechanical Engineering</b>	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	<b>ME</b>	<b>6910</b>	<b>Graduate Internship</b>	Field	1	5		N	G50		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
				PR, F								
		COURSE DESC:		Supervised work-study experience in an established industrial or government environment.								
ENT	ME	<b>ME</b>	<b>6940</b>	<b>Research</b>	Research	1 to 18	999		N	G50		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:							
				PR, F								
		COURSE DESC:		Independent research project under the direction of a graduate faculty advisor.								
ENT	ME	<b>ME</b>	<b>6950</b>	<b>Thesis</b>	Thesis	1 to 18	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:							
				PR, F								
		COURSE DESC:		Independent research toward a thesis, under the direction of a graduate faculty member.								
ENT	ME	<b>ME</b>	<b>6970</b>	<b>Engineering Analysis and Numerical Methods</b>	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	<b>ME</b>	<b>7050</b>	<b>Advanced Dynamics</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
				M E 6050								
		COURSE DESC:		Dynamical equations of motion, linearization, steady motions, and motions resembling state of rest, integrals of equations of motion, exact closed form solutions, numerical integration of differential equations of motion, determination of constraint forces and constraint torques, collisions, and small vibrations.								
ENT	ME	<b>ME</b>	<b>7120</b>	<b>Advanced Heat Transfer</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
				ME 5130								
		COURSE DESC:		Analysis of steady and unsteady heat problems. Formulation of general laws. Solutions using Fourier-Bessel series, Fourier-Legendre series, and approximate solutions. Matrix solution of radiation problems. Boundary layer theory.								
ENT	ME	<b>ME</b>	<b>7140</b>	<b>Viscous Flow and Convection Heat Transfer</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
				ME 5460								
		COURSE DESC:		Analysis of hydrodynamic and thermal boundary layers in forced and free convection, turbulence								

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ENT	ME	<b>ME</b>	<b>7200</b>	<b>Advanced Non-linear Finite Element Analysis</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required and CE 5200 or ME 6570						
		COURSE DESC:		Advanced study in finite element analysis of solids and fluids, with emphasis on methodologies for nonlinear problems. Fundamental theory and computer implementations of various techniques.								
ENT	ME	<b>ME</b>	<b>7310</b>	<b>Transport Processes in Atmospheric Pollution Control</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	CHE 6400 or ME 5460						
		COURSE DESC:		Formation and transport of gaseous and solid pollutants through the atmosphere, dispersion theory using Gaussian models, particle motion in external force field, buoyancy and natural convection, and aerosol mechanics, including terminal settling velocity and particle formation from nucleation, condensation and agglomeration. Control of atmospheric pollutants through application of transport phenomena, including use of electrostatic precipitation, impactors, scrubbers, filtration and inertial separation.								
ENT	ME	<b>ME</b>	<b>7330</b>	<b>Numerical Heat Transfer and Fluid Flow</b>	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	<b>ME</b>	<b>7450</b>	<b>Advanced Topics in Numerical Methods</b>	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	<b>ME</b>	<b>7510</b>	<b>Advanced Computer-Aided Design</b>	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	<b>ME</b>	<b>7600</b>	<b>Advanced CAD/CAM/CAE of Dies and Molds</b>	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	<b>ME</b>	<b>7620</b>	<b>Topics in Non-Newtonian Fluid Dynamics</b>	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	<b>ME</b>	<b>7760</b>	<b>Special Topics in Materials Processing</b>	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	<b>ME</b>	<b>7800</b>	<b>Doctoral Colloquium</b>	Seminar	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR						
		COURSE DESC:		Presentation and discussion of research topics.								
ENT	ME	<b>ME</b>	<b>7840</b>	<b>Fracture and Fatigue of Engineering Materials</b>	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	<b>ME</b>	<b>7850</b>	<b>Plasticity Theory and Application</b>	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	<b>ME</b>	<b>7900</b>	<b>Special Topics in Mechanical Engineering</b>	Lecture	1 to 4	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		Advanced topics in selected areas in mechanical engineering.								
ENT	ME	<b>ME</b>	<b>7930</b>	<b>Special Investigations</b>	Ind Study	1 to 4	999		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		Advanced topics in mechanical engineering with an emphasis on individual study.								

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ENT	ME	<b>ME</b>	<b>7970</b>	<b>Advanced Engineering Analysis</b>	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.									

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FAR	ART	<b>AH</b>	<b>2110</b>	<b>From Caves to Calligraphy: Global Art + Design I</b> 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	<b>AH</b>	<b>2110</b>	<b>From Caves to Calligraphy: Global Art + Design I</b> 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	<b>AH</b>	<b>2130</b>	<b>From Gutenberg to Google: Global Art + Design II</b> 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	<b>AH</b>	<b>2130</b>	<b>From Gutenberg to Google: Global Art + Design II</b> 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	<b>AH</b>	<b>2970T</b>	<b>Art History Tutorial</b> GEC1: A-F REQUISITE: HTC COURSE DESC: Honors Tutorial on topics in Art History.	Tutorial	1 to 12	999		N	U30		0
FAR	ART	<b>AH</b>	<b>2971T</b>	<b>Art History Tutorial</b> GEC1: A-F REQUISITE: HTC COURSE DESC: Honors Tutorial on topics in Art History	Tutorial	1 to 12	999		N	U30		0
FAR	ART	<b>AH</b>	<b>2980T</b>	<b>Art History Tutorial</b> GEC1: A-F REQUISITE: HTC COURSE DESC: Honors Tutorial on topics in art history.	Tutorial	1 to 12	999		N	U30		0
FAR	ART	<b>AH</b>	<b>2981T</b>	<b>Art Historical Tutorial</b> GEC1: A-F REQUISITE: HTC COURSE DESC: Honors Tutorial on topics in Art History	Tutorial	1 to 12	999		N	U30		0
FAR	ART	<b>AH</b>	<b>3200</b>	<b>Greek Art</b> GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Art of ancient Greece.	Lecture	3	0		N	U30		0
FAR	ART	<b>AH</b>	<b>3210</b>	<b>Roman Art</b> GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Art of ancient Rome.	Lecture	3	0		N	U30		0
FAR	ART	<b>AH</b>	<b>3220</b>	<b>Medieval Art</b> 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	<b>AH</b>	<b>3230</b>	<b>Italian Renaissance Art</b> GEC1: A-F REQUISITE: Jr or Sr COURSE DESC: Art of 15th-century Italy.	Lecture	3	0		N	U30		0
FAR	ART	<b>AH</b>	<b>3260</b>	<b>Baroque and Rococo Art</b> 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	<b>AH</b>	<b>3270</b>	<b>19th-Century Art</b> 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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FAR	ART	<b>AH</b>	<b>3310</b>	<b>Pre-Columbian Art</b>	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		Preconquest art of Mexico, Central and South America.								
FAR	ART	<b>AH</b>	<b>3320</b>	<b>West African Art</b>	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 West Africa.								
FAR	ART	<b>AH</b>	<b>3321</b>	<b>Exhibiting and Theorizing Global Art</b>	Seminar	3	0		N	U30		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	<b>AH</b>	<b>3400</b>	<b>Asian Art History</b>	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		Art of India, China, and Japan.								
FAR	ART	<b>AH</b>	<b>3410</b>	<b>History of Chinese Art</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		Will cover art, architecture, religio-philosophical beliefs and changing cultural practices within China from the Neolithic period (ca 4000 BCE) to the present. The methodological emphasis is on diversity and globalization.								
FAR	ART	<b>AH</b>	<b>3420</b>	<b>20th-Century Art of China</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		Explores the ways in which Chinese artists of the 20th- century have defined modernity and their tradition against the complex background of China's history.								
FAR	ART	<b>AH</b>	<b>3430</b>	<b>History of Japanese Art</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		A survey of the visual arts of Japan, prehistory through the 19th- century, in both chronological and thematic approaches.								
FAR	ART	<b>AH</b>	<b>3500</b>	<b>Principles of Architecture</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Introduction to styles, theories, and structural principles of architecture.								
FAR	ART	<b>AH</b>	<b>3510</b>	<b>Ancient Architecture</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		Survey of architectural monuments and their historical settings in Near East, Egypt, Greece, and Rome.								
FAR	ART	<b>AH</b>	<b>3520</b>	<b>Medieval Architecture</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		COURSE DESC:		Survey of architectural monuments and their historical settings in early Christian, Byzantine, Romanesque, and Gothic periods.								
FAR	ART	<b>AH</b>	<b>3530</b>	<b>Early Modern Architecture: 15th - 18th Centuries</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		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.								
FAR	ART	<b>AH</b>	<b>3540</b>	<b>Modern Architecture and Design</b>	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Jr or Sr						
		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	<b>AH</b>	<b>3540A</b>	<b>Honors Experience: Modern Architecture &amp; Design</b>	Ind Study	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F,	REQUISITE:							
		COURSE DESC:		NC OHIO Honors curricular experience in Modern Architecture and 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	ART	<b>AH</b>	<b>3591</b>	<b>History of Graphic Design</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		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	<b>AH</b>	<b>3600</b>	<b>Modernist Theory and Criticism</b>	Lecture	3	0		N	U30		0
		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.								
FAR	ART	<b>AH</b>	<b>3610</b>	<b>History of Photography</b>	Lecture	3	0		N	U30		0
		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.								
FAR	ART	<b>AH</b>	<b>3970T</b>	<b>Art History Tutorial</b>	Tutorial	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC								
		COURSE DESC:		Honors Tutorial on topics in Art History								
FAR	ART	<b>AH</b>	<b>3980T</b>	<b>Art History Tutorial</b>	Tutorial	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC								
		COURSE DESC:		Honors Tutorial on topics in Art History								
FAR	ART	<b>AH</b>	<b>4101</b>	<b>Contemporary Art History</b>	Lecture	3	0		N	U30		0
		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.								
FAR	ART	<b>AH</b>	<b>4111</b>	<b>The Representation and Theorization of Gender in the History of Art</b>	Lecture	3	0		N	U30		0
		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.								
FAR	ART	<b>AH</b>	<b>4161</b>	<b>Arts of Medieval China (400-1300)</b>	Lecture	3	0		N	U30		0
		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.								
FAR	ART	<b>AH</b>	<b>4171</b>	<b>Arts of Early Modern China (1500-1700)</b>	Lecture	3	0		N	U30		0
		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.								
FAR	ART	<b>AH</b>	<b>4180</b>	<b>Contemporary East Asian Art</b>	Lecture	3	0		N	U30		0
		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.								
FAR	ART	<b>AH</b>	<b>4190</b>	<b>Visual Culture of China</b>	Lecture	3	0		N	U30		0
		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.								
FAR	ART	<b>AH</b>	<b>4221</b>	<b>Romanesque and Gothic Art</b>	Lecture	3	0		N	U30		0
		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.								



**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>AH</b>	<b>4241</b>	<b>Northern Renaissance Art</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		Art of Northern Europe in 15th- and 16th- centuries.								
FAR	ART	<b>AH</b>	<b>4250</b>	<b>Art of High Renaissance and Mannerism</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		Art of 16th-century Italy.								
FAR	ART	<b>AH</b>	<b>4331</b>	<b>Central African Art</b>	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	<b>AH</b>	<b>4611</b>	<b>20th-Century Art</b>	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	<b>AH</b>	<b>4616</b>	<b>Art Spaces</b>	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	<b>AH</b>	<b>4711</b>	<b>Methods in Art History</b>	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	<b>AH</b>	<b>4900</b>	<b>Selected Topics in Art History</b>	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	<b>AH</b>	<b>4902</b>	<b>Contemporary Art Theory and Criticism</b>	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	<b>AH</b>	<b>4920</b>	<b>Service Learning in Art History</b>	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	<b>AH</b>	<b>4930</b>	<b>Independent Study--Projects</b>	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	<b>AH</b>	<b>4970T</b>	<b>Art History Tutorial</b>	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	<b>AH</b>	<b>4980T</b>	<b>Art History Tutorial</b>	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	<b>AH</b>	<b>5101</b>	<b>Contemporary Art History</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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.								

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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	<b>AH</b>	<b>5111</b>	<b>The Representation and Theorization of Gender in the History of Art</b>	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	<b>AH</b>	<b>5161</b>	<b>Arts of Medieval China (400-1300)</b>	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	<b>AH</b>	<b>5171</b>	<b>Arts of Early Modern China (1500-1700)</b>	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	<b>AH</b>	<b>5180</b>	<b>Contemporary East Asian Art</b>	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	<b>AH</b>	<b>5191</b>	<b>Visual Culture of China</b>	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	<b>AH</b>	<b>5200</b>	<b>Greek Art</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Art of ancient Greece.								
FAR	ART	<b>AH</b>	<b>5210</b>	<b>Roman Art</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Art of ancient Rome.								
FAR	ART	<b>AH</b>	<b>5220</b>	<b>Medieval Art</b>	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	<b>AH</b>	<b>5221</b>	<b>Romanesque and Gothic Art</b>	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	<b>AH</b>	<b>5230</b>	<b>Italian Renaissance Art</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Art of 15th-century Italy.								

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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	<b>AH</b>	<b>5241</b>	<b>Northern Renaissance Art</b>	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	<b>AH</b>	<b>5251</b>	<b>Art of High Renaissance and Mannerism</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		Art of 16th-century Italy.								
FAR	ART	<b>AH</b>	<b>5260</b>	<b>Baroque and Rococo Art</b>	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	<b>AH</b>	<b>5270</b>	<b>19th-Century Art</b>	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	<b>AH</b>	<b>5320</b>	<b>West African Art</b>	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	<b>AH</b>	<b>5321</b>	<b>Exhibiting and Theorizing Global Art</b>	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	<b>AH</b>	<b>5331</b>	<b>Central African Art</b>	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	<b>AH</b>	<b>5400</b>	<b>Asian Art History</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
				PR								
		COURSE DESC:		Art of India, China, and Japan.								
FAR	ART	<b>AH</b>	<b>5410</b>	<b>History of Chinese Art</b>	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	<b>AH</b>	<b>5430</b>	<b>History of Japanese Art</b>	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	<b>AH</b>	<b>5530</b>	<b>Early Modern Architecture: 15th - 18th Centuries</b>	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	<b>AH</b>	<b>5540</b>	<b>Modern Architecture and Design</b>	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	<b>AH</b>	<b>5591</b>	<b>History of Graphic Design</b>	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	<b>AH</b>	<b>5600</b>	<b>Modernist Theory and Criticism</b>	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	<b>AH</b>	<b>5610</b>	<b>History of Photography</b>	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	<b>AH</b>	<b>5611</b>	<b>20th-Century Art</b>	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	<b>AH</b>	<b>5616</b>	<b>Art Spaces</b>	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	<b>AH</b>	<b>5711</b>	<b>Methods in Art History</b>	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	<b>AH</b>	<b>5900</b>	<b>Selected Topics in Art History</b>	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	<b>AH</b>	<b>5902</b>	<b>Contemporary Art Theory and Criticism</b>	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	<b>AH</b>	<b>5903</b>	<b>Medieval Art Special Topics Seminar</b>	Seminar	3	6		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR Focused topics on Medieval Art. A single artist, issue, or period is emphasized. Content varies with each offering.								
FAR	ART	<b>AH</b>	<b>5904</b>	<b>Italian Renaissance Art Special Topics Seminar</b>	Seminar	3	6		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		COURSE DESC:		PR Focused topics on Italian Renaissance art (c 1300-1550). An artist, school, period, and/or issue will be examined. Content varies with each offering.								

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FAR	ART	<b>AH</b>	<b>5905</b>	<b>Modern Art Special Topics Seminar</b>	Seminar	3	6		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required								
		COURSE DESC:		PR Focused on European and American art (c 1800-1945). A single issue, period, or artist is emphasized. Content varies with each offering.								
FAR	ART	<b>AH</b>	<b>5906</b>	<b>Arts of Asia Special Topics Seminar</b>	Seminar	3	6		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required								
		COURSE DESC:		PR Focused topics on the arts of Asia. A single issue, tradition, or culture is emphasized. Content varies with each offering.								
FAR	ART	<b>AH</b>	<b>5907</b>	<b>Arts of Africa Special Topics Seminar</b>	Seminar	3	6		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required								
		COURSE DESC:		PR Focused topics on the arts of Africa. A single issue, tradition, or culture is emphasized. Content varies with each offering.								
FAR	ART	<b>AH</b>	<b>5920</b>	<b>Service Learning in Art History</b>	Practicum	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required								
		COURSE DESC:		PR, F 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	<b>AH</b>	<b>5922</b>	<b>Seminar in Art History: Teaching, Research, Publication</b>	Practicum	1 to 3	6		I	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required								
		COURSE DESC:		PR, F Intensive study of projects of limited scope.								
FAR	ART	<b>AH</b>	<b>5930</b>	<b>Independent Study--Projects/Readings</b>	Ind Study	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR, PR Independent research projects/readings will vary with each offering.								
FAR	ART	<b>AH</b>	<b>6900</b>	<b>Special Topics in Art History</b>	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	ART	<b>AH</b>	<b>6950</b>	<b>Art History Thesis</b>	Thesis	1 to 10	10		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR, PR Thesis content will vary.								
FAR	ART	<b>ART</b>	<b>1100</b>	<b>Seeing and Knowing the Visual Arts</b>	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	<b>ART</b>	<b>1111</b>	<b>Introduction to Digital Art</b>	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	<b>ART</b>	<b>1111</b>	<b>Introduction to Digital Art</b>	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	<b>ART</b>	<b>1120</b>	<b>Art and Hip Hop</b>	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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FAR	ART	<b>ART</b>	<b>1121</b>	<b>Introduction to Drawing</b>	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	<b>ART</b>	<b>1121</b>	<b>Introduction to Drawing</b>	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	<b>ART</b>	<b>1130</b>	<b>Selfies, Posts, and Fading Paper: Our Family Album</b>	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	<b>ART</b>	<b>1131</b>	<b>Introduction to Film Photography</b>	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	<b>ART</b>	<b>1131</b>	<b>Introduction to Film Photography</b>	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	<b>ART</b>	<b>1141</b>	<b>Introduction to Digital Photography</b>	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	<b>ART</b>	<b>1141</b>	<b>Introduction to Digital Photography</b>	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	<b>ART</b>	<b>1151</b>	<b>Introduction to Painting</b>	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	<b>ART</b>	<b>1151</b>	<b>Introduction to Painting</b>	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	<b>ART</b>	<b>1161</b>	<b>Introduction to Ceramics</b>	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	<b>ART</b>	<b>1171</b>	<b>Introduction to Printmaking</b>	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.								

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FAR	ART	<b>ART</b>	<b>1171</b>	<b>Introduction to Printmaking</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	4	0		N	U30		0
				GEC1: A-F 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	<b>ART</b>	<b>1181</b>	<b>Introduction to Graphic Design</b> ELIGIBLE GRADES: COURSE DESC:	Laboratory	4	0		N	U30		0
				GEC1: A-F 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	<b>ART</b>	<b>1181</b>	<b>Introduction to Graphic Design</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	4	0		N	U30		0
				GEC1: A-F 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	<b>ART</b>	<b>1191</b>	<b>Introduction to Sculpture</b> ELIGIBLE GRADES: COURSE DESC:	Laboratory	4	0		N	U10		0
				GEC1: A-F 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	<b>ART</b>	<b>1191</b>	<b>Introduction to Sculpture</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	4	0		N	U10		0
				GEC1: A-F 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	<b>ART</b>	<b>1200</b>	<b>Description + Drawing</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	4	0		N	U30		75
				GEC1: A-F 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	<b>ART</b>	<b>1200</b>	<b>Description + Drawing</b> ELIGIBLE GRADES: COURSE DESC:	Studio	4	0		N	U30		75
				GEC1: A-F 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	<b>ART</b>	<b>1210</b>	<b>Function + Practice</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	4	0		N	U30		75
				GEC1: A-F 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	<b>ART</b>	<b>1210</b>	<b>Function + Practice</b> ELIGIBLE GRADES: COURSE DESC:	Studio	4	0		N	U30		75
				GEC1: A-F 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	<b>ART</b>	<b>1220</b>	<b>Image + Design</b> ELIGIBLE GRADES: COURSE DESC:	Lecture	4	0		N	U30		75
				GEC1: A-F 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	<b>ART</b>	<b>1220</b>	<b>Image + Design</b> ELIGIBLE GRADES: COURSE DESC:	Studio	4	0		N	U30		75
				GEC1: A-F 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.								

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FAR	ART	<b>ART</b>	<b>1230</b>	<b>Structure + Space</b>	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	<b>ART</b>	<b>1230</b>	<b>Structure + Space</b>	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	<b>ART</b>	<b>1240</b>	<b>Visual Art in Practice and Theory: Critical Perspectives</b>	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	<b>ART</b>	<b>1600</b>	<b>Aesthetics of Architecture and Design</b>	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	<b>ART</b>	<b>1610</b>	<b>Introduction to Professional Practices</b>	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	<b>ART</b>	<b>1800</b>	<b>Art + Design Pre-College</b>	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	<b>ART</b>	<b>2210</b>	<b>Ceramics Hand Building</b>	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.								
FAR	ART	<b>ART</b>	<b>2220</b>	<b>Ceramics Wheel Throwing</b>	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	<b>ART</b>	<b>2310</b>	<b>Sculpture: Contemporary Objects and Traditions</b>	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	<b>ART</b>	<b>2320</b>	<b>Sculpture: Environments &amp; Actions</b>	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	<b>ART</b>	<b>2320</b>	<b>Sculpture: Environments &amp; Actions</b>	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	<b>ART</b>	<b>2330</b>	<b>Casting Contemporary Explorations</b>	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.								



**MASTER CURRICULUM FILE  
COURSE LISTING  
SORTED BY 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	<b>ART</b>	<b>2330</b>	<b>Casting Contemporary Explorations</b>	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	<b>ART</b>	<b>2410</b>	<b>Lithography/Monotype</b>	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	<b>ART</b>	<b>2410</b>	<b>Lithography/Monotype</b>	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	<b>ART</b>	<b>2420</b>	<b>Etching/Relief</b>	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	<b>ART</b>	<b>2430</b>	<b>Screen/Paper</b>	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	<b>ART</b>	<b>2501</b>	<b>Design History and Social Impact</b>	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	<b>ART</b>	<b>2510</b>	<b>Graphic Design Principles</b>	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.								
FAR	ART	<b>ART</b>	<b>2520</b>	<b>Typography</b>	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 1200 and 1210 and 1220 and 1230 and 1240						
		COURSE DESC:		Introduction to 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	<b>ART</b>	<b>2520</b>	<b>Typography</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 1200 and 1210 and 1220 and 1230 and 1240						
		COURSE DESC:		Introduction to 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	<b>ART</b>	<b>2600</b>	<b>Interior Architecture Studio I</b>	Laboratory	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 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	<b>ART</b>	<b>2600</b>	<b>Interior Architecture Studio I</b>	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 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.								

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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	<b>ART</b>	<b>2620</b>	<b>Interior Architecture Studio II</b>	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 2600								
		COURSE DESC:		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 diagraming, 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	<b>ART</b>	<b>2620</b>	<b>Interior Architecture Studio II</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 2600								
		COURSE DESC:		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 diagraming, 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	<b>ART</b>	<b>2640</b>	<b>Building Systems of Interior Environments</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		COURSE DESC:		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	<b>ART</b>	<b>2650</b>	<b>Introduction to Design Process and Programming</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (Soph or Jr or Sr) and Interior Architecture Major								
		COURSE DESC:		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	<b>ART</b>	<b>2660</b>	<b>Materials Textiles and Construction in Interior Architecture</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Soph or Jr or Sr								
		COURSE DESC:		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	<b>ART</b>	<b>2670</b>	<b>Computer-Aided Design: Professional Applications</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 2600								
		COURSE DESC:		Instruction of computer-aided design applications to support the generation of architectural floor plans, elevations, schedules and details in construction documents.								
FAR	ART	<b>ART</b>	<b>2710</b>	<b>Painting: Color, Form, Context</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240								
		COURSE DESC:		Introduction to painting on a two-dimensional surface using wet and dry color media. Explore recent developments in realism and abstraction, structure and composition, color, flat pattern, modeling and light, paint handling, and texture. Media may include oil paint, acrylic paint, watercolor, airbrush, pen, ink, paper, canvas, panel, or other surfaces.								
FAR	ART	<b>ART</b>	<b>2710</b>	<b>Painting: Color, Form, Context</b>	Studio	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240								
		COURSE DESC:		Introduction to painting on a two-dimensional surface using wet and dry color media. Explore recent developments in realism and abstraction, structure and composition, color, flat pattern, modeling and light, paint handling, and texture. Media may include oil paint, acrylic paint, watercolor, airbrush, pen, ink, paper, canvas, panel, or other surfaces.								
FAR	ART	<b>ART</b>	<b>2720</b>	<b>Painting: Alternative, Digital, Temporal Modes</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240								
		COURSE DESC:		Introduction to alternative painting and drawing media and modes. Learn an array of flexible and expressive possibilities opening new dynamic, creative directions for the student. Integration of evolving new media platforms and artistic self-expression. Use art-making strategies in a variety of forms which may include mixed media, experimental art materials, installation, creating and manipulating images in digital formats, and time-based media.								
FAR	ART	<b>ART</b>	<b>2720</b>	<b>Painting: Alternative, Digital, Temporal Modes</b>	Studio	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240								
		COURSE DESC:		Introduction to alternative painting and drawing media and modes. Learn an array of flexible and expressive possibilities opening new dynamic, creative directions for the student. Integration of evolving new media platforms and artistic self-expression. Use art-making strategies in a variety of forms which may include mixed media, experimental art materials, installation, creating and manipulating images in digital formats, and time-based media.								
FAR	ART	<b>ART</b>	<b>2810</b>	<b>Film Photography</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: ART 1200 and 1210 and 1220 and 1230 and 1240								
		COURSE DESC:		Covers fundamental technical and conceptual issues of traditional analog photography. Skills covered include camera operation, film processing, printing, and principles of composition. In addition, slide lectures address pertinent issues in the history and current practice of photography. Through a combination of lectures, critiques, and workshops students learn the fundamentals of traditional silver printing as well as basic camera controls and other skills essential to future work in photography. Both black and white and color processes are examined.								

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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	<b>ART</b>	<b>2820</b>	<b>Digital Photography</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 1200 and 1210 and 1220 and 1230 and 1240						
		COURSE DESC:		Invites students to explore the possibilities of digital processes. Through class, workshops and demonstrations students learn the basics of Photoshop and become familiar with other digital programs. Others skills include scanning and printing as well as digital camera operation. Class lectures address cultural, social and ethical issues involving digital practice and explore the broad cultural shift from analog to digital media. Students are expected to become competent in various areas of digital practice and to test its possibilities.								
FAR	ART	<b>ART</b>	<b>2900</b>	<b>Studio Art Topics</b>	Lecture	4	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(Soph or Jr or Sr) and (2 Courses (ART 1200 or 1210 or 1220 or 1230))						
		COURSE DESC:		Introduces topical/thematic approaches to art-making emphasizing single and multi- (and/or inter-) 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	<b>ART</b>	<b>2902</b>	<b>Figure and Gender</b>	Laboratory	4	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 1200 and 1210 and 1220 and 1230 and 1240						
		COURSE DESC:		Social and formal issues of the body and artistic practice are explored through studio production and modeling. Modes of depiction, the wearable, as well as social and cultural constructs are investigated.								
FAR	ART	<b>ART</b>	<b>2902</b>	<b>Figure and Gender</b>	Lecture	4	8		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ART 1200 and 1210 and 1220 and 1230 and 1240						
		COURSE DESC:		Social and formal issues of the body and artistic practice are explored through studio production and modeling. Modes of depiction, the wearable, as well as social and cultural constructs are investigated.								
FAR	ART	<b>ART</b>	<b>2950</b>	<b>Introduction to Art Therapy</b>	Lecture	3	0	2SS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	PSY 1010						
		COURSE DESC:		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	<b>ART</b>	<b>2970T</b>	<b>Studio Tutorial</b>	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	<b>ART</b>	<b>2971T</b>	<b>Studio Tutorial</b>	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	<b>ART</b>	<b>2980T</b>	<b>Studio Tutorial</b>	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Honors Tutorial College tutorial on studio art topics.								
FAR	ART	<b>ART</b>	<b>2981T</b>	<b>Studio Tutorial</b>	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	<b>ART</b>	<b>3000J</b>	<b>Criticism in the Visual Arts</b>	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	<b>ART</b>	<b>3100</b>	<b>Museum Fundamentals I</b>	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	<b>ART</b>	<b>3210</b>	<b>Advanced Ceramics</b>	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	<b>ART</b>	<b>3210</b>	<b>Advanced Ceramics</b>	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.								

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COURSE LISTING  
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FAR	ART	<b>ART</b>	<b>3220</b>	<b>Glaze Calculation &amp; Materials</b>	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	<b>ART</b>	<b>3220</b>	<b>Glaze Calculation &amp; Materials</b>	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	<b>ART</b>	<b>3230</b>	<b>Ceramics Wheel Throwing II</b>	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.								
FAR	ART	<b>ART</b>	<b>3230</b>	<b>Ceramics Wheel Throwing II</b>	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	<b>ART</b>	<b>3310</b>	<b>Public Spheres &amp; Dissemination Tactics</b>	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	<b>ART</b>	<b>3320</b>	<b>Content &amp; Concept in Material &amp; Form</b>	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	<b>ART</b>	<b>3320</b>	<b>Content &amp; Concept in Material &amp; Form</b>	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	<b>ART</b>	<b>3410</b>	<b>Advanced Printmaking</b>	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	<b>ART</b>	<b>3410</b>	<b>Advanced Printmaking</b>	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	<b>ART</b>	<b>3420</b>	<b>Papermaking</b>	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	<b>ART</b>	<b>3420</b>	<b>Papermaking</b>	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	<b>ART</b>	<b>3510</b>	<b>Graphic Design Studio I</b>	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	<b>ART</b>	<b>3520</b>	<b>Graphic Design Studio II</b>	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  
SORTED BY 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	<b>ART</b>	<b>3520</b>	<b>Graphic Design Studio II</b>	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	<b>ART</b>	<b>3530</b>	<b>Letterpress and Bookmaking</b>	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	<b>ART</b>	<b>3540</b>	<b>Media</b>	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	<b>ART</b>	<b>3540</b>	<b>Media</b>	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	<b>ART</b>	<b>3550</b>	<b>Animation</b>	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	<b>ART</b>	<b>3550</b>	<b>Animation</b>	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	<b>ART</b>	<b>3571</b>	<b>Type Design: Designing, Drawing, and Developing Typefaces</b>	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	<b>ART</b>	<b>3571</b>	<b>Type Design: Designing, Drawing, and Developing Typefaces</b>	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	<b>ART</b>	<b>3600</b>	<b>Interior Architecture Studio III</b>	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	<b>ART</b>	<b>3600</b>	<b>Interior Architecture Studio III</b>	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	<b>ART</b>	<b>3620</b>	<b>Interior Architecture Studio IV</b>	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.								

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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	<b>ART</b>	<b>3620</b>	<b>Interior Architecture Studio IV</b> 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	<b>ART</b>	<b>3631</b>	<b>Interior Architecture Pre-Professional Internship</b> 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	<b>ART</b>	<b>3632</b>	<b>Interior Architecture Professional Internship</b> 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	<b>ART</b>	<b>3633</b>	<b>Interior Architecture Post-Professional Internship</b> 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	<b>ART</b>	<b>3640</b>	<b>History of Furniture and Interior Design I</b> 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	<b>ART</b>	<b>3650</b>	<b>History of Furniture and Interior Design II</b> 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	<b>ART</b>	<b>3660</b>	<b>Professional Practices in Interior Design</b> 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	<b>ART</b>	<b>3670</b>	<b>Construction Documents</b> 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	<b>ART</b>	<b>3680</b>	<b>Sketching and Rendering for Interior Architecture</b> 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	<b>ART</b>	<b>3710</b>	<b>Advanced Painting and Drawing: Investigative modes; Defining trajectories</b> 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	<b>ART</b>	<b>3710</b>	<b>Advanced Painting and Drawing: Investigative modes; Defining trajectories</b> 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

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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	<b>ART</b>	<b>3810</b>	<b>Advanced Photography</b>	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	<b>ART</b>	<b>3810</b>	<b>Advanced Photography</b>	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	<b>ART</b>	<b>3820</b>	<b>Photographic Arts</b>	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	<b>ART</b>	<b>3820</b>	<b>Photographic Arts</b>	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	<b>ART</b>	<b>3900</b>	<b>Studio Art Topics</b>	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	<b>ART</b>	<b>3902</b>	<b>Study Abroad Interior Architecture</b>	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	<b>ART</b>	<b>3902</b>	<b>Study Abroad Interior Architecture</b>	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	<b>ART</b>	<b>3922</b>	<b>Museum Fundamentals II - Practicum</b>	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	<b>ART</b>	<b>3960</b>	<b>Student Design Agency: OU Design Collaborative in the Community</b>	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	<b>ART</b>	<b>3960</b>	<b>Student Design Agency: OU Design Collaborative in the Community</b>	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.								
FAR	ART	<b>ART</b>	<b>3970T</b>	<b>Studio Tutorial</b>	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	<b>ART</b>	<b>3980T</b>	<b>Studio Tutorial</b>	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.								

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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	<b>ART</b>	<b>3990</b>	<b>Autopsical Art</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Jr or Sr								
		COURSE DESC:		Provides the University student with a unique experience in understanding and developing aesthetic alternatives.								
FAR	ART	<b>ART</b>	<b>4000</b>	<b>Critique Community</b>	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	<b>ART</b>	<b>4000</b>	<b>Critique Community</b>	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	<b>ART</b>	<b>4510</b>	<b>Graphic Design Studio III</b>	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	<b>ART</b>	<b>4520</b>	<b>Graphic Design Studio IV</b>	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	<b>ART</b>	<b>4520</b>	<b>Graphic Design Studio IV</b>	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	<b>ART</b>	<b>4530</b>	<b>Graphic Design Topics</b>	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	<b>ART</b>	<b>4530</b>	<b>Graphic Design Topics</b>	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	<b>ART</b>	<b>4600</b>	<b>Interior Architecture Studio V</b>	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.								
FAR	ART	<b>ART</b>	<b>4600</b>	<b>Interior Architecture Studio V</b>	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	<b>ART</b>	<b>4620</b>	<b>Senior Seminar--Professional Evaluation</b>	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.								



**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>ART</b>	<b>4630</b>	<b>Design Issues &amp; Contemporary Practices: Research, Programming &amp; Thesis Preparation</b>	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	<b>ART</b>	<b>4900</b>	<b>Studio Art Topics</b>	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	<b>ART</b>	<b>4920</b>	<b>Service Learning in the Visual Arts</b>	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	<b>ART</b>	<b>4930</b>	<b>Independent Study-Projects</b>	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	<b>ART</b>	<b>4932</b>	<b>Independent Study-Readings</b>	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	<b>ART</b>	<b>4950</b>	<b>Studio Art BFA Practicum</b>	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	<b>ART</b>	<b>4952</b>	<b>Studio Art BFA Exhibit</b>	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	<b>ART</b>	<b>4952</b>	<b>Studio Art BFA Exhibit</b>	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	<b>ART</b>	<b>4954</b>	<b>Graphic Design Practicum</b>	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	<b>ART</b>	<b>4956</b>	<b>Graphic Design BFA Exhibit</b>	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.								
FAR	ART	<b>ART</b>	<b>4956</b>	<b>Graphic Design BFA Exhibit</b>	Lecture	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.								
FAR	ART	<b>ART</b>	<b>4958</b>	<b>Interior Architecture VI: Thesis Studio</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>ART</b>	<b>4958</b>	<b>Interior Architecture VI: Thesis Studio</b>	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	<b>ART</b>	<b>4960</b>	<b>Studio Art Capstone</b>	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	<b>ART</b>	<b>4970T</b>	<b>Studio Tutorial</b>	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	<b>ART</b>	<b>4980T</b>	<b>Studio Tutorial</b>	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	<b>ART</b>	<b>4990</b>	<b>Art in Your Life</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Jr or Sr								
		COURSE DESC:		Designed to provide an alternative approach to the thinking and making of art.								
FAR	ART	<b>ART</b>	<b>5000</b>	<b>Graduate Teaching Seminar</b>	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE:								
		COURSE DESC:		Assists graduate associates with practical and pedagogic support. Coursework investigates issues specific to teaching in the studio.								
FAR	ART	<b>ART</b>	<b>5100</b>	<b>Museum Fundamentals I</b>	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	<b>ART</b>	<b>5110</b>	<b>Digital Media</b>	Laboratory	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Focuses on advanced use of digital media. Content varies with each offering.								
FAR	ART	<b>ART</b>	<b>5110</b>	<b>Digital Media</b>	Lecture	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Focuses on advanced use of digital media. Content varies with each offering.								
FAR	ART	<b>ART</b>	<b>5120</b>	<b>Drawing</b>	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	<b>ART</b>	<b>5120</b>	<b>Drawing</b>	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	<b>ART</b>	<b>5125</b>	<b>Working with Artists &amp; Publics</b>	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	<b>ART</b>	<b>5130</b>	<b>Art Worlds: Intersections &amp; Modalities</b>	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								

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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	<b>ART</b>	<b>5140</b>	<b>Envisioning Art Organizations</b>	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	<b>ART</b>	<b>5210</b>	<b>Ceramics</b>	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	<b>ART</b>	<b>5210</b>	<b>Ceramics</b>	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	<b>ART</b>	<b>5220</b>	<b>Ceramics II</b>	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5210								
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	<b>ART</b>	<b>5220</b>	<b>Ceramics II</b>	Seminar	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5210								
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	<b>ART</b>	<b>5310</b>	<b>Sculpture</b>	Laboratory	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Seminar content will vary.								
FAR	ART	<b>ART</b>	<b>5310</b>	<b>Sculpture</b>	Lecture	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Seminar content will vary.								
FAR	ART	<b>ART</b>	<b>5320</b>	<b>Sculpture II</b>	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5310								
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	<b>ART</b>	<b>5320</b>	<b>Sculpture II</b>	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5310								
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	<b>ART</b>	<b>5410</b>	<b>Printmaking</b>	Laboratory	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Seminar content will vary.								
FAR	ART	<b>ART</b>	<b>5410</b>	<b>Printmaking</b>	Lecture	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Seminar content will vary.								
FAR	ART	<b>ART</b>	<b>5420</b>	<b>Printmaking II</b>	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5410								
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	<b>ART</b>	<b>5420</b>	<b>Printmaking II</b>	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5410								
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								

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COURSE LISTING  
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FAR	ART	<b>ART</b>	<b>5510</b>	<b>Graphic Design I</b>	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	<b>ART</b>	<b>5510</b>	<b>Graphic Design I</b>	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	<b>ART</b>	<b>5520</b>	<b>Graphic Design II</b>	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		Research of various design paradigms will be explored through a rebuilding of pragmatic processes to an end that assists all students to reach an industry standard of research, skills, and exploration process. Includes investigation to identify a site for the research to be conducted during ART 6510.								
FAR	ART	<b>ART</b>	<b>5520</b>	<b>Graphic Design II</b>	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		Research of various design paradigms will be explored through a rebuilding of pragmatic processes to an end that assists all students to reach an industry standard of research, skills, and exploration process. Includes investigation to identify a site for the research to be conducted during ART 6510.								
FAR	ART	<b>ART</b>	<b>5530</b>	<b>Letterpress and Bookmaking</b>	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	ART 5510						
		COURSE DESC:		An introduction to handprinting techniques utilizing the letterpress, with emphasis on the design and making of the handmade book.								
FAR	ART	<b>ART</b>	<b>5530</b>	<b>Letterpress and Bookmaking</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	ART 5510						
		COURSE DESC:		An introduction to handprinting techniques utilizing the letterpress, with emphasis on the design and making of the handmade book.								
FAR	ART	<b>ART</b>	<b>5540</b>	<b>Typography and Image</b>	Laboratory	4	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		Experimentation and integration of typography for form and meaning in a variety of contexts. Use of traditional and experimental methods and materials to support and strengthen meaning and purpose.								
FAR	ART	<b>ART</b>	<b>5540</b>	<b>Typography and Image</b>	Lecture	4	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		Experimentation and integration of typography for form and meaning in a variety of contexts. Use of traditional and experimental methods and materials to support and strengthen meaning and purpose.								
FAR	ART	<b>ART</b>	<b>5571</b>	<b>Type Design: Designing, Drawing, and Developing Typefaces</b>	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.								
FAR	ART	<b>ART</b>	<b>5571</b>	<b>Type Design: Designing, Drawing, and Developing Typefaces</b>	Studio	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.								
FAR	ART	<b>ART</b>	<b>5620</b>	<b>Methods for Teaching Art</b>	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course focuses on methods and materials for teaching art to students in grades K-12. Students develop learning units with relevant teaching components organized around specific art concepts and produce assessment mechanisms for the evaluation of student art projects in alignment with state and national art education standards. Supervised clinical teaching experiences in the public schools are required.								
FAR	ART	<b>ART</b>	<b>5620</b>	<b>Methods for Teaching Art</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course focuses on methods and materials for teaching art to students in grades K-12. Students develop learning units with relevant teaching components organized around specific art concepts and produce assessment mechanisms for the evaluation of student art projects in alignment with state and national art education standards. Supervised clinical teaching experiences in the public schools are required.								

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FAR	ART	<b>ART</b>	<b>5640</b>	<b>History of Furniture and Interiors I</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Study of the history of interiors, furnishings, decorative arts, and architecture from the ancient world to the 17th- Century.								
FAR	ART	<b>ART</b>	<b>5650</b>	<b>History of Furniture and Interiors II</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Study of the history of interiors, furnishings, decorative arts, and architecture from the 17th- Century to the present.								
FAR	ART	<b>ART</b>	<b>5710</b>	<b>Painting</b>	Laboratory	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR	Seminar content will vary.							
FAR	ART	<b>ART</b>	<b>5710</b>	<b>Painting</b>	Lecture	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR	Seminar content will vary.							
FAR	ART	<b>ART</b>	<b>5720</b>	<b>Painting II</b>	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	ART 5710						
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	<b>ART</b>	<b>5720</b>	<b>Painting II</b>	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	ART 5710						
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	<b>ART</b>	<b>5810</b>	<b>Photography</b>	Laboratory	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR	Seminar content will vary.							
FAR	ART	<b>ART</b>	<b>5810</b>	<b>Photography</b>	Lecture	3 to 5	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR	Seminar content will vary.							
FAR	ART	<b>ART</b>	<b>5820</b>	<b>Photography II</b>	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	ART 5810						
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	<b>ART</b>	<b>5820</b>	<b>Photography II</b>	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	ART 5810						
		COURSE DESC:		Development of skills and exploration of processes leading toward personal expression. Content varies with each offering.								
FAR	ART	<b>ART</b>	<b>5900</b>	<b>Studio Art Topics</b>	Lecture	4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR	Addresses topical/thematic approaches to art-making emphasizing single and multi- (and/or inter-) disciplinarity in a manner that focuses on advanced explorations and self-directed research. Students will research and address topical or media specific concerns via studio and scholarly approaches. Offers experiences in the most current topics/themes in the professional practice of art.							
FAR	ART	<b>ART</b>	<b>5920</b>	<b>Service Learning in the Visual Arts</b>	Practicum	1 to 5	5		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		CR, PR	Gives students opportunities to make meaningful connections between studio art and design practice and service. Students may engage in field experiences that involve providing art instruction in an institutional environment or working in collaborative art or design settings. Students will be introduced to the range of issues faced by studio artists and designers who choose to work in a service capacity.							
FAR	ART	<b>ART</b>	<b>5922</b>	<b>Museum Fundamentals II - Practicum</b>	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.								

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FAR	ART	<b>ART</b>	<b>5930</b>	<b>Independent Study-Projects</b>	Ind Study	1 to 4	8		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required								
		COURSE DESC:		PR Independent research projects will vary with each offering.								
FAR	ART	<b>ART</b>	<b>5932</b>	<b>Independent Study-Readings</b>	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	<b>ART</b>	<b>6000</b>	<b>Interdisciplinary Seminar</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Readings, discussions, and presentations exploring relationship between various visual arts disciplines.								
FAR	ART	<b>ART</b>	<b>6010</b>	<b>Thesis Proposal Seminar</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Prepares students to become effective speakers and writers of thesis project proposals.								
FAR	ART	<b>ART</b>	<b>6020</b>	<b>Professional Practices</b>	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR The goal of this course is to equip third- and second-year studio graduate students with the necessary skill sets in designing, editing, and marketing their professional presentation toward expanding the possibilities and effectiveness of their use in post-graduate applications.								
FAR	ART	<b>ART</b>	<b>6200</b>	<b>Ceramics Seminar</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Lectures, discussions, field trips, slide and film presentations dealing with contemporary issues in ceramic art.								
FAR	ART	<b>ART</b>	<b>6210</b>	<b>Ceramics III</b>	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5220								
		COURSE DESC:		CR, PR Development of concepts leading toward studio thesis.								
FAR	ART	<b>ART</b>	<b>6210</b>	<b>Ceramics III</b>	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5220								
		COURSE DESC:		CR, PR Development of concepts leading toward studio thesis.								
FAR	ART	<b>ART</b>	<b>6220</b>	<b>Ceramics IV</b>	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 6210								
		COURSE DESC:		CR, PR Development of concepts leading toward studio thesis.								
FAR	ART	<b>ART</b>	<b>6220</b>	<b>Ceramics IV</b>	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 6210								
		COURSE DESC:		CR, PR Development of concepts leading toward studio thesis.								
FAR	ART	<b>ART</b>	<b>6300</b>	<b>Sculpture Seminar</b>	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Projects, research, and discussion of topics of specific interest and concern to sculptors.								
FAR	ART	<b>ART</b>	<b>6310</b>	<b>Sculpture III</b>	Laboratory	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5320								
		COURSE DESC:		CR, PR Development of concepts leading toward studio thesis.								
FAR	ART	<b>ART</b>	<b>6310</b>	<b>Sculpture III</b>	Lecture	3 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: ART 5320								
		COURSE DESC:		CR, PR Development of concepts leading toward studio thesis.								

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FAR	ART	<b>ART</b>	<b>6320</b>	<b>Sculpture IV</b>	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	<b>ART</b>	<b>6320</b>	<b>Sculpture IV</b>	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	<b>ART</b>	<b>6400</b>	<b>Printmaking Seminar</b>	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	<b>ART</b>	<b>6410</b>	<b>Printmaking III</b>	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	<b>ART</b>	<b>6410</b>	<b>Printmaking III</b>	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	<b>ART</b>	<b>6420</b>	<b>Printmaking IV</b>	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	<b>ART</b>	<b>6420</b>	<b>Printmaking IV</b>	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	<b>ART</b>	<b>6500</b>	<b>Graphic Design Seminar</b>	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	<b>ART</b>	<b>6510</b>	<b>Graphic Design Research Fellowship</b>	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.								
FAR	ART	<b>ART</b>	<b>6520</b>	<b>Graphic Design III</b>	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	<b>ART</b>	<b>6700</b>	<b>Painting Seminar</b>	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	<b>ART</b>	<b>6710</b>	<b>Painting III</b>	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	<b>ART</b>	<b>6710</b>	<b>Painting III</b>	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.								

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FAR	ART	<b>ART</b>	<b>6720</b>	<b>Painting IV</b>	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	<b>ART</b>	<b>6720</b>	<b>Painting IV</b>	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	<b>ART</b>	<b>6800</b>	<b>Photography Seminar</b>	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	<b>ART</b>	<b>6810</b>	<b>Photography III</b>	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	<b>ART</b>	<b>6810</b>	<b>Photography III</b>	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	<b>ART</b>	<b>6820</b>	<b>Photography IV</b>	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	<b>ART</b>	<b>6820</b>	<b>Photography IV</b>	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	<b>ART</b>	<b>6900</b>	<b>Special Topics in Art</b>	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	<b>ART</b>	<b>6950</b>	<b>Studio Art Written Thesis</b>	Thesis	4	8		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Written studio art thesis.								
FAR	ART	<b>ART</b>	<b>7960</b>	<b>MFA Studio Thesis</b>	Lecture	1 to 15	45		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Seminar content will vary.								
FAR	ART	<b>T3</b>	<b>4600</b>	<b>Visual Culture Studies</b>	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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FAR	DANC	<b>DANC</b>	<b>1010</b>	<b>Intro to Modern Dance</b>	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	<b>DANC</b>	<b>1020</b>	<b>Intro to Dance Ballet</b>	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	<b>DANC</b>	<b>1040</b>	<b>Intro to Dance Jazz I</b>	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	<b>DANC</b>	<b>1050</b>	<b>Introduction to African Dance Technique</b>	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	<b>DANC</b>	<b>1070</b>	<b>Introduction to Hip Hop Dance</b>	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	<b>DANC</b>	<b>1080</b>	<b>Introduction to Tap Dance</b>	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	<b>DANC</b>	<b>1090</b>	<b>Musical Theater Dance</b>	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	<b>DANC</b>	<b>1110</b>	<b>Music for Dance I</b>	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	<b>DANC</b>	<b>1110</b>	<b>Music for Dance I</b>	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	<b>DANC</b>	<b>1210</b>	<b>Modern Dance Technique I</b>	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	<b>DANC</b>	<b>1211</b>	<b>Modern Dance Technique II</b>	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.								

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FAR	DANC	<b>DANC</b>	<b>1220</b>	<b>Ballet Technique I</b>	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	<b>DANC</b>	<b>1221</b>	<b>Ballet Technique II</b>	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	<b>DANC</b>	<b>1230</b>	<b>Beginning Dance Composition I</b>	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	<b>DANC</b>	<b>1230</b>	<b>Beginning Dance Composition I</b>	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	<b>DANC</b>	<b>1231</b>	<b>Beginning Dance Composition II</b>	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	<b>DANC</b>	<b>1231</b>	<b>Beginning Dance Composition II</b>	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	<b>DANC</b>	<b>1240</b>	<b>Jazz Dance Technique I</b>	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	<b>DANC</b>	<b>1250</b>	<b>African Dance Technique I</b>	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	<b>DANC</b>	<b>1270</b>	<b>Hip Hop Dance Technique I</b>	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	<b>DANC</b>	<b>1280</b>	<b>Tap Dance I</b>	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	<b>DANC</b>	<b>1700</b>	<b>The Dance Experience</b>	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	<b>DANC</b>	<b>1700</b>	<b>The Dance Experience</b>	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	<b>DANC</b>	<b>1800</b>	<b>Summer Dance Experience</b>	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.								

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FAR	DANC	<b>DANC</b>	<b>1801</b>	<b>Dance Production I</b>	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	<b>DANC</b>	<b>1801</b>	<b>Dance Production I</b>	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	<b>DANC</b>	<b>2010</b>	<b>Dance Technique II Modern</b>	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	<b>DANC</b>	<b>2020</b>	<b>Dance Technique II Ballet</b>	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	<b>DANC</b>	<b>2040</b>	<b>Dance Technique II Jazz</b>	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	<b>DANC</b>	<b>2050</b>	<b>African Dance Technique II</b>	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	<b>DANC</b>	<b>2210</b>	<b>Modern Dance Technique III</b>	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	<b>DANC</b>	<b>2211</b>	<b>Modern Dance Technique IV</b>	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	<b>DANC</b>	<b>2220</b>	<b>Ballet Technique III</b>	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	<b>DANC</b>	<b>2221</b>	<b>Ballet Technique IV</b>	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	<b>DANC</b>	<b>2230</b>	<b>Intermediate Dance Composition I</b>	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	<b>DANC</b>	<b>2230</b>	<b>Intermediate Dance Composition I</b>	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.								

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FAR	DANC	<b>DANC</b>	<b>2231</b>	<b>Intermediate Dance Composition II</b>	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	<b>DANC</b>	<b>2231</b>	<b>Intermediate Dance Composition II</b>	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	<b>DANC</b>	<b>2235</b>	<b>Dance Improvisation</b>	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	<b>DANC</b>	<b>2240</b>	<b>Jazz Dance Technique II</b>	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	<b>DANC</b>	<b>2250</b>	<b>African Dance Technique II</b>	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	<b>DANC</b>	<b>2270</b>	<b>Hip Hop Dance Technique II</b>	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	<b>DANC</b>	<b>2280</b>	<b>Tap Dance II</b>	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	<b>DANC</b>	<b>2550</b>	<b>Dance Cultures of the World I</b>	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	<b>DANC</b>	<b>2550</b>	<b>Dance Cultures of the World I</b>	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	<b>DANC</b>	<b>2561</b>	<b>Ethnic Dance of Western Cultures</b>	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	<b>DANC</b>	<b>2561</b>	<b>Ethnic Dance of Western Cultures</b>	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	<b>DANC</b>	<b>2700</b>	<b>Languages of Dance</b>	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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FAR	DANC	<b>DANC</b>	<b>2710</b>	<b>Black Dance Forms</b>	Lecture	3	0	2FA; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>DANC</b>	<b>2710</b>	<b>Black Dance Forms</b>	Studio	3	0	2FA; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>DANC</b>	<b>2801</b>	<b>Lighting for Dance</b>	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
				REQUISITE:	DANC 1801							
		COURSE DESC:		CR, PR								
				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	<b>DANC</b>	<b>2801</b>	<b>Lighting for Dance</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
				REQUISITE:	DANC 1801							
		COURSE DESC:		CR, PR								
				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	<b>DANC</b>	<b>2900</b>	<b>Special Topics in Dance</b>	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	<b>DANC</b>	<b>2970T</b>	<b>Dance Tutorial</b>	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	<b>DANC</b>	<b>2971T</b>	<b>Dance Tutorial</b>	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	<b>DANC</b>	<b>2980T</b>	<b>Dance Tutorial</b>	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	<b>DANC</b>	<b>2981T</b>	<b>Dance Tutorial</b>	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	HTC							
				Honors Tutorial on topics in Dance Studies.								
FAR	DANC	<b>DANC</b>	<b>3010</b>	<b>Dance Technique III Modern</b>	Studio	1.5	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	DANC 2010							
				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	<b>DANC</b>	<b>3020</b>	<b>Dance Technique III Ballet</b>	Studio	1.5	3		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	DANC 2020							
				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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FAR	DANC	<b>DANC</b>	<b>3040</b>	<b>Dance Technique III Jazz</b>	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	<b>DANC</b>	<b>3050</b>	<b>African Dance Technique III</b>	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	<b>DANC</b>	<b>3120</b>	<b>Music for Dance II</b>	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	<b>DANC</b>	<b>3130</b>	<b>Dance Notation I</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Principles of dance notation.								
FAR	DANC	<b>DANC</b>	<b>3150</b>	<b>Laban Movement Analysis</b>	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	<b>DANC</b>	<b>3150</b>	<b>Laban Movement Analysis</b>	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	<b>DANC</b>	<b>3210</b>	<b>Modern Dance Technique V</b>	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	<b>DANC</b>	<b>3211</b>	<b>Modern Dance Technique VI</b>	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	<b>DANC</b>	<b>3220</b>	<b>Ballet Technique V</b>	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	<b>DANC</b>	<b>3221</b>	<b>Ballet Technique VI</b>	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	<b>DANC</b>	<b>3230</b>	<b>Advanced Dance Composition I</b>	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	<b>DANC</b>	<b>3230</b>	<b>Advanced Dance Composition I</b>	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	<b>DANC</b>	<b>3231</b>	<b>Advanced Dance Composition II</b>	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	<b>DANC</b>	<b>3231</b>	<b>Advanced Dance Composition II</b>	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.								

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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	<b>DANC</b>	<b>3250</b>	<b>African Dance Technique III</b>	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	<b>DANC</b>	<b>3280</b>	<b>Dance Repertory</b>	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	<b>DANC</b>	<b>3300</b>	<b>Dance Kinesology I</b>	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	<b>DANC</b>	<b>3300</b>	<b>Dance Kinesology I</b>	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	<b>DANC</b>	<b>3301</b>	<b>Pilates Reformer Training</b>	Studio	1	4		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		CR								
				Designed to condition students using resistance training on the Universal Reformer and other Pilates apparatus. Students learn exercise principles and techniques on specialized equipment, focusing on correction of body alignment problems, muscle imbalances, strength, and flexibility.								
FAR	DANC	<b>DANC</b>	<b>3302</b>	<b>Pilates Mat Training</b>	Studio	1	4		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		CR								
				Pilates Method of Body Conditioning and is appropriate for all levels of movement experience. The precision, control, and focus of the exercises enables students to balance the musculoskeletal system so that they are able to efficiently and safely practice other more rigorous, demanding physical disciplines. Includes laboratory practice of 45 mat exercises that train the muscles to improve body stability and mobility. The Pilates method develops precision coordination and concentration in movement while increasing strength and flexibility. Addresses injury rehabilitation from the perspective of preventive training.								
FAR	DANC	<b>DANC</b>	<b>3303</b>	<b>Bartenieff Fundamentals</b>	Studio	1	4		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		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	<b>DANC</b>	<b>3304</b>	<b>Yoga: Principles and Practice</b>	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	<b>DANC</b>	<b>3360</b>	<b>Dance Movement Lab</b>	Studio	.5 to 5	10		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		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	<b>DANC</b>	<b>3405</b>	<b>Dance Pedagogy</b>	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	<b>DANC</b>	<b>3405</b>	<b>Dance Pedagogy</b>	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.								

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FAR	DANC	<b>DANC</b>	<b>3600</b>	<b>Dance Colloquium</b>	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	<b>DANC</b>	<b>3801</b>	<b>Dance Production II</b>	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	<b>DANC</b>	<b>3970T</b>	<b>Dance Tutorial</b>	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	<b>DANC</b>	<b>3980T</b>	<b>Dance Tutorial</b>	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	<b>DANC</b>	<b>4010</b>	<b>Dance Technique IV Modern</b>	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	<b>DANC</b>	<b>4020</b>	<b>Dance Technique IV Ballet</b>	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	<b>DANC</b>	<b>4040</b>	<b>Dance Technique IV Jazz</b>	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	<b>DANC</b>	<b>4210</b>	<b>Modern Dance Technique VII</b>	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	<b>DANC</b>	<b>4211</b>	<b>Modern Dance Technique VIII</b>	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	<b>DANC</b>	<b>4220</b>	<b>Ballet Technique VII</b>	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	<b>DANC</b>	<b>4221</b>	<b>Ballet Technique VIII</b>	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	<b>DANC</b>	<b>4300</b>	<b>Dance Kinesiology II</b>	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.								



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FAR	DANC	<b>DANC</b>	<b>4300</b>	<b>Dance Kinesiology II</b> 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	<b>DANC</b>	<b>4410</b>	<b>Teaching Dance I (Children)</b> 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	<b>DANC</b>	<b>4410</b>	<b>Teaching Dance I (Children)</b> 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	<b>DANC</b>	<b>4420</b>	<b>Teaching Dance II (Adults)</b> 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	<b>DANC</b>	<b>4420</b>	<b>Teaching Dance II (Adults)</b> 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	<b>DANC</b>	<b>4550</b>	<b>Dance Ethnography: Intellectualizing the Body's Motion</b> 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	<b>DANC</b>	<b>4710</b>	<b>Histories of Modern and Postmodern Choreography and Practice</b> 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	<b>DANC</b>	<b>4711</b>	<b>Writing Dance and Gender</b> 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	<b>DANC</b>	<b>4750</b>	<b>Dance in Non-Western Expressive Cultures</b> 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	<b>DANC</b>	<b>4750</b>	<b>Dance in Non-Western Expressive Cultures</b> 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	<b>DANC</b>	<b>4800</b>	<b>Senior Capstone</b> 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	<b>DANC</b>	<b>4800</b>	<b>Senior Capstone</b> 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	<b>DANC</b>	<b>4800</b>	<b>Senior Capstone</b> 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

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FAR	DANC	<b>DANC</b>	<b>4830</b>	<b>Dance Choreography and Video Techniques</b>	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	<b>DANC</b>	<b>4830</b>	<b>Dance Choreography and Video Techniques</b>	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	<b>DANC</b>	<b>4900</b>	<b>Special Topics in Dance</b>	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	<b>DANC</b>	<b>4904</b>	<b>Special Topics in Dance - Capstone</b>	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	<b>DANC</b>	<b>4904</b>	<b>Special Topics in Dance - Capstone</b>	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	<b>DANC</b>	<b>4910</b>	<b>Dance Internship</b>	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	<b>DANC</b>	<b>4924</b>	<b>Practicum in Teaching Dance</b>	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	<b>DANC</b>	<b>4930</b>	<b>Independent Study</b>	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	<b>DANC</b>	<b>4970T</b>	<b>Dance Tutorial</b>	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	<b>DANC</b>	<b>4980T</b>	<b>Dance Tutorial</b>	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	<b>DANC</b>	<b>5150</b>	<b>Laban Movement Analysis</b>	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	<b>DANC</b>	<b>5150</b>	<b>Laban Movement Analysis</b>	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  
SORTED BY 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	<b>DANC</b>	<b>5210</b>	<b>Graduate Modern Dance Technique</b>	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	<b>DANC</b>	<b>5230</b>	<b>Advanced Dance Composition I</b>	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	<b>DANC</b>	<b>5230</b>	<b>Advanced Dance Composition I</b>	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	<b>DANC</b>	<b>5250</b>	<b>African Dance Technique III</b>	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	<b>DANC</b>	<b>5300</b>	<b>Dance Kinesiology I</b>	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE:								
				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	<b>DANC</b>	<b>5300</b>	<b>Dance Kinesiology I</b>	Studio	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE:								
				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	<b>DANC</b>	<b>5301</b>	<b>Pilates Reformer Training</b>	Studio	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				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	<b>DANC</b>	<b>5302</b>	<b>Pilates Mat Training</b>	Studio	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				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	<b>DANC</b>	<b>5303</b>	<b>Bartenieff Fundamentals</b>	Studio	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				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	<b>DANC</b>	<b>5304</b>	<b>Yoga: Principles and Practice</b>	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 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.								

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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	<b>DANC</b>	<b>5360</b>	<b>Dance Movement Laboratory</b>	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	<b>DANC</b>	<b>5550</b>	<b>Dance Ethnography: Intellectualizing the Body's Motion</b>	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	<b>DANC</b>	<b>5600</b>	<b>Dance Colloquium</b>	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	<b>DANC</b>	<b>5710</b>	<b>Histories of Modern &amp; Post Modern Choreography and Practice</b>	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	<b>DANC</b>	<b>5711</b>	<b>Dance, Sexuality and Gender</b>	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	<b>DANC</b>	<b>5750</b>	<b>Dance in Non-Western Expressive Cultures</b>	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	<b>DANC</b>	<b>5750</b>	<b>Dance in Non-Western Expressive Cultures</b>	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	<b>DANC</b>	<b>5900</b>	<b>Special Topics in Dance</b>	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	<b>DANC</b>	<b>5924</b>	<b>Practicum in Teaching Dance</b>	Practicum	1 to 2	4		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Student teaching under supervision.								
FAR	DANC	<b>DANC</b>	<b>6260</b>	<b>Leading Community Dance</b>	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	<b>DANC</b>	<b>6405</b>	<b>Issues and Methods in Dance Pedagogy</b>	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.								

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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	<b>DANC</b>	<b>6460</b>	<b>Community Dance Theory and Practice</b>	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	<b>DANC</b>	<b>6620</b>	<b>Seminar in Dance Studies Research</b>	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	<b>DANC</b>	<b>6900</b>	<b>Special Topics in Dance</b>	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	<b>DANC</b>	<b>6910</b>	<b>Dance Internship</b>	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	<b>DANC</b>	<b>6930</b>	<b>Independent Study</b>	Ind Study	1 to 10	20		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR	Seminar contents varies.							
FAR	DANC	<b>DANC</b>	<b>6960</b>	<b>Community Dance Capstone Project</b>	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	<b>FAR</b>	<b>1500</b>	<b>Viewing the Arts</b>	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	<b>FAR</b>	<b>2900</b>	<b>Special Topics in Fine Arts</b>	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	FAR	<b>FAR</b>	<b>4500</b>	<b>30 Mile Studio: Community Arts Engagement</b>	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	<b>FAR</b>	<b>4500</b>	<b>30 Mile Studio: Community Arts Engagement</b>	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	<b>FAR</b>	<b>5100</b>	<b>Introduction to Arts Administration</b>	Seminar	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				FAR 5100								
				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	<b>FAR</b>	<b>5200</b>	<b>Concepts, Communications, and Considerations in Arts Management</b>	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	<b>FAR</b>	<b>5300</b>	<b>Funding and Development for Arts Organizations</b>	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	<b>FAR</b>	<b>5910</b>	<b>Professional Internship in Arts Administration</b>	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.								
FAR	FAR	<b>FAR</b>	<b>5930</b>	<b>Independent Study</b>	Ind Study	1 to 4	8		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>T3</b>	<b>4605</b>	<b>Appalachian Culture, Energy and Environment</b>	Seminar	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Sr only								
				This course explores the arts and culture of our region as related to energy and the environment both past and present. Topics will include music of coal miners; murals, festivals and performance commemorating the culture of mining towns; historic preservation of local architecture; material culture and memory in local museums and historical societies; engagements and encounters with the environment; and protest cultures related to energy extraction past and present. Throughout, attention will be paid to questions of citizenship and social justice. Students will engage the material firsthand through readings, screenings, guest lectures and performances, and field trips.								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
FAR	FILM	<b>FILM</b>	<b>1800</b>	<b>Film Experience</b>	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	<b>FILM</b>	<b>2010</b>	<b>Introduction to Film: History of World Cinema</b>	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	<b>FILM</b>	<b>2010</b>	<b>Introduction to Film: History of World Cinema</b>	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	<b>FILM</b>	<b>2020</b>	<b>Introduction to Film: Film Analysis</b>	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	<b>FILM</b>	<b>2020</b>	<b>Introduction to Film: Film Analysis</b>	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	<b>FILM</b>	<b>2030</b>	<b>Introduction to Film: The Documentary</b>	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	<b>FILM</b>	<b>2030</b>	<b>Introduction to Film: The Documentary</b>	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	<b>FILM</b>	<b>2050</b>	<b>Technical Toolbox I</b>	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	<b>FILM</b>	<b>2050</b>	<b>Technical Toolbox I</b>	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	<b>FILM</b>	<b>2060</b>	<b>Technical Toolbox II</b>	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	<b>FILM</b>	<b>2060</b>	<b>Technical Toolbox II</b>	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	<b>FILM</b>	<b>2440</b>	<b>Narrative Screenwriting I</b>	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	<b>FILM</b>	<b>2440</b>	<b>Narrative Screenwriting I</b>	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  
SORTED BY 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	<b>FILM</b>	<b>2900</b>	<b>Special Topics in Film</b>	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	<b>FILM</b>	<b>2970T</b>	<b>Film Tutorial</b>	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	<b>FILM</b>	<b>2980T</b>	<b>Film Tutorial</b>	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	<b>FILM</b>	<b>3110</b>	<b>Narrative Filmmaking I</b>	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	<b>FILM</b>	<b>3110</b>	<b>Narrative Filmmaking I</b>	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	<b>FILM</b>	<b>3110</b>	<b>Narrative Filmmaking I</b>	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	<b>FILM</b>	<b>3120</b>	<b>Filmmaking II</b>	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	<b>FILM</b>	<b>3120</b>	<b>Filmmaking II</b>	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	<b>FILM</b>	<b>3120</b>	<b>Filmmaking II</b>	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	<b>FILM</b>	<b>3150</b>	<b>Film Studies 1</b>	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	<b>FILM</b>	<b>3150</b>	<b>Film Studies 1</b>	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	<b>FILM</b>	<b>3160</b>	<b>Film Aesthetics</b>	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  
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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	<b>FILM</b>	<b>3160</b>	<b>Film Aesthetics</b>	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	<b>FILM</b>	<b>3333</b>	<b>Dramatic Writing Forms and Genres</b>	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	<b>FILM</b>	<b>3380</b>	<b>Studies in the Documentary Film</b>	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	FILM 2010 or 2020 or 2030						
		COURSE DESC:		CR, PR Special topics in the history, theory, and criticism of documentary film and video. Weekly screenings.								
FAR	FILM	<b>FILM</b>	<b>3380</b>	<b>Studies in the Documentary Film</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	FILM 2010 or 2020 or 2030						
		COURSE DESC:		CR, PR Special topics in the history, theory, and criticism of documentary film and video. Weekly screenings.								
FAR	FILM	<b>FILM</b>	<b>3400</b>	<b>Film Techniques</b>	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	FILM 2010 or 2020 or 2030						
		COURSE DESC:		CR, PR Introduction to motion picture production techniques. Students will design, shoot, and edit their own projects.								
FAR	FILM	<b>FILM</b>	<b>3400</b>	<b>Film Techniques</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	FILM 2010 or 2020 or 2030						
		COURSE DESC:		CR, PR Introduction to motion picture production techniques. Students will design, shoot, and edit their own projects.								
FAR	FILM	<b>FILM</b>	<b>3430</b>	<b>Screenwriting</b>	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	<b>FILM</b>	<b>3430</b>	<b>Screenwriting</b>	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	<b>FILM</b>	<b>3440J</b>	<b>The Practice of Film Criticism</b>	Laboratory	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	CR, PR						
		COURSE DESC:		Students learn to write publishable film reviews in a workshop setting. Weekly screenings.								
FAR	FILM	<b>FILM</b>	<b>3440J</b>	<b>The Practice of Film Criticism</b>	Lecture	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	CR, PR						
		COURSE DESC:		Students learn to write publishable film reviews in a workshop setting. Weekly screenings.								
FAR	FILM	<b>FILM</b>	<b>3450</b>	<b>Film Analysis</b>	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	<b>FILM</b>	<b>3450</b>	<b>Film Analysis</b>	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	<b>FILM</b>	<b>3460</b>	<b>Narrative Screenwriting II</b>	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  
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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	<b>FILM</b>	<b>3460</b>	<b>Narrative Screenwriting II</b>	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	<b>FILM</b>	<b>3500</b>	<b>Cinematography</b>	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	<b>FILM</b>	<b>3500</b>	<b>Cinematography</b>	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	<b>FILM</b>	<b>3750</b>	<b>Directing</b>	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	<b>FILM</b>	<b>3750</b>	<b>Directing</b>	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	<b>FILM</b>	<b>3830</b>	<b>Avid Editing I</b>	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	<b>FILM</b>	<b>3830</b>	<b>Avid Editing I</b>	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	<b>FILM</b>	<b>3840</b>	<b>Avid Editing II</b>	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	<b>FILM</b>	<b>3840</b>	<b>Avid Editing II</b>	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	<b>FILM</b>	<b>3910</b>	<b>Film Internship</b>	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	<b>FILM</b>	<b>3970T</b>	<b>Film Tutorial</b>	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	<b>FILM</b>	<b>3980T</b>	<b>Film Tutorial</b>	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	<b>FILM</b>	<b>4110</b>	<b>Master Class I</b>	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  
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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	<b>FILM</b>	<b>4110</b>	<b>Master Class I</b>	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	<b>FILM</b>	<b>4120</b>	<b>Master Class II</b>	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	<b>FILM</b>	<b>4120</b>	<b>Master Class II</b>	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	<b>FILM</b>	<b>4140</b>	<b>Documentary Production Techniques</b>	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	<b>FILM</b>	<b>4150</b>	<b>Advanced Digital Editing</b>	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	<b>FILM</b>	<b>4210</b>	<b>International Film I</b>	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	<b>FILM</b>	<b>4210</b>	<b>International Film I</b>	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	<b>FILM</b>	<b>4220</b>	<b>International Film II</b>	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	<b>FILM</b>	<b>4220</b>	<b>International Film II</b>	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	<b>FILM</b>	<b>4310</b>	<b>Film History I</b>	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	<b>FILM</b>	<b>4310</b>	<b>Film History I</b>	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	<b>FILM</b>	<b>4320</b>	<b>Film History II</b>	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.								

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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	<b>FILM</b>	<b>4320</b>	<b>Film History II</b>	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	<b>FILM</b>	<b>4330</b>	<b>Film History III</b>	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	<b>FILM</b>	<b>4330</b>	<b>Film History III</b>	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	<b>FILM</b>	<b>4440</b>	<b>Media Arts Management</b>	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	<b>FILM</b>	<b>4510</b>	<b>Film Theory I</b>	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	<b>FILM</b>	<b>4510</b>	<b>Film Theory I</b>	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	<b>FILM</b>	<b>4520</b>	<b>Film Theory II</b>	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	<b>FILM</b>	<b>4520</b>	<b>Film Theory II</b>	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	<b>FILM</b>	<b>4530</b>	<b>Film Theory III</b>	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	<b>FILM</b>	<b>4530</b>	<b>Film Theory III</b>	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	<b>FILM</b>	<b>4610</b>	<b>Motion Picture Production I</b>	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 3400 CR, PR								
		COURSE DESC:		Intermediate filmmaking class. Instruction in basic camera, lighting techniques, and editing techniques leading to production of individual projects.								
FAR	FILM	<b>FILM</b>	<b>4610</b>	<b>Motion Picture Production I</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 3400 CR, PR								
		COURSE DESC:		Intermediate filmmaking class. Instruction in basic camera, lighting techniques, and editing techniques leading to production of individual projects.								
FAR	FILM	<b>FILM</b>	<b>4620</b>	<b>Motion Picture Production II</b>	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.								

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FAR	FILM	<b>FILM</b>	<b>4620</b>	<b>Motion Picture Production II</b>	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	<b>FILM</b>	<b>4710</b>	<b>Film Topics Seminar I</b>	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	<b>FILM</b>	<b>4710</b>	<b>Film Topics Seminar I</b>	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	<b>FILM</b>	<b>4720</b>	<b>Film Topics Seminar II</b>	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	<b>FILM</b>	<b>4720</b>	<b>Film Topics Seminar II</b>	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	<b>FILM</b>	<b>4900</b>	<b>Special Topics in Film</b>	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	<b>FILM</b>	<b>4910</b>	<b>Internship</b>	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	<b>FILM</b>	<b>4930</b>	<b>Independent Study</b>	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	<b>FILM</b>	<b>4930</b>	<b>Independent Study</b>	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	<b>FILM</b>	<b>4940</b>	<b>Individual Production Problems</b>	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	<b>FILM</b>	<b>4940</b>	<b>Individual Production Problems</b>	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.								
FAR	FILM	<b>FILM</b>	<b>4941</b>	<b>Individual Readings</b>	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.								

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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	<b>FILM</b>	<b>4941</b>	<b>Individual Readings</b>	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	<b>FILM</b>	<b>4970T</b>	<b>Film Tutorial</b>	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	<b>FILM</b>	<b>4980T</b>	<b>Film Tutorial</b>	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	<b>FILM</b>	<b>5010</b>	<b>Film Symposium</b>	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	<b>FILM</b>	<b>5050</b>	<b>Technical Toolbox I</b>	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	<b>FILM</b>	<b>5050</b>	<b>Technical Toolbox I</b>	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	<b>FILM</b>	<b>5060</b>	<b>Technical Toolbox II</b>	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	<b>FILM</b>	<b>5060</b>	<b>Technical Toolbox II</b>	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	<b>FILM</b>	<b>5110</b>	<b>Filmmaking I</b>	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	<b>FILM</b>	<b>5110</b>	<b>Filmmaking I</b>	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	<b>FILM</b>	<b>5120</b>	<b>Filmmaking II</b>	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.								
FAR	FILM	<b>FILM</b>	<b>5120</b>	<b>Filmmaking II</b>	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.								

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FAR	FILM	<b>FILM</b>	<b>5150</b>	<b>Film Studies I</b>	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	<b>FILM</b>	<b>5150</b>	<b>Film Studies I</b>	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	<b>FILM</b>	<b>5160</b>	<b>Film Aesthetics</b>	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	<b>FILM</b>	<b>5160</b>	<b>Film Aesthetics</b>	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	<b>FILM</b>	<b>5210</b>	<b>International Film I</b>	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	<b>FILM</b>	<b>5210</b>	<b>International Film I</b>	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	<b>FILM</b>	<b>5220</b>	<b>International Film II</b>	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	<b>FILM</b>	<b>5220</b>	<b>International Film II</b>	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	<b>FILM</b>	<b>5250</b>	<b>Sound Techniques</b>	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	<b>FILM</b>	<b>5250</b>	<b>Sound Techniques</b>	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.								
FAR	FILM	<b>FILM</b>	<b>5260</b>	<b>Advanced Sound Techniques</b>	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.								

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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	<b>FILM</b>	<b>5260</b>	<b>Advanced Sound Techniques</b>	Lecture	1 to 4	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major								
		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	<b>FILM</b>	<b>5310</b>	<b>Film History I</b>	Laboratory	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		History of international cinema from the origins through 1940. Weekly screenings.								
FAR	FILM	<b>FILM</b>	<b>5310</b>	<b>Film History I</b>	Lecture	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		History of international cinema from the origins through 1940. Weekly screenings.								
FAR	FILM	<b>FILM</b>	<b>5320</b>	<b>Film History II</b>	Laboratory	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		History of international cinema from 1940 to the present. Weekly screenings.								
FAR	FILM	<b>FILM</b>	<b>5320</b>	<b>Film History II</b>	Lecture	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		History of international cinema from 1940 to the present. Weekly screenings.								
FAR	FILM	<b>FILM</b>	<b>5330</b>	<b>Film History III</b>	Laboratory	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Advanced studies in film history and film historiography. Weekly screenings.								
FAR	FILM	<b>FILM</b>	<b>5330</b>	<b>Film History III</b>	Lecture	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Advanced studies in film history and film historiography. Weekly screenings.								
FAR	FILM	<b>FILM</b>	<b>5380</b>	<b>Studies in Documentary Film</b>	Laboratory	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major								
		COURSE DESC:		Special topics in the history, theory, and criticism of documentary film and video, including examination of a variety of documentary genres. Weekly screenings.								
FAR	FILM	<b>FILM</b>	<b>5380</b>	<b>Studies in Documentary Film</b>	Lecture	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major								
		COURSE DESC:		Special topics in the history, theory, and criticism of documentary film and video, including examination of a variety of documentary genres. Weekly screenings.								
FAR	FILM	<b>FILM</b>	<b>5420</b>	<b>Screenwriting I</b>	Discussion	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major								
		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	<b>FILM</b>	<b>5420</b>	<b>Screenwriting I</b>	Lecture	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Film major								
		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	<b>FILM</b>	<b>5440</b>	<b>Media Arts Management</b>	Laboratory	1 to 4	12		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		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.								



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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	<b>FILM</b>	<b>5450</b>	<b>Screenwriting II</b>	Discussion	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 5420								
		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	<b>FILM</b>	<b>5450</b>	<b>Screenwriting II</b>	Lecture	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: FILM 5420								
		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	<b>FILM</b>	<b>5510</b>	<b>Film Theory I</b>	Laboratory	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		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	<b>FILM</b>	<b>5510</b>	<b>Film Theory I</b>	Lecture	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		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	<b>FILM</b>	<b>5520</b>	<b>Film Theory II</b>	Laboratory	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Survey of post-classical film theory, including semiotics, psychoanalytic, feminist, post-colonial and contemporary film theory. Weekly screenings.								
FAR	FILM	<b>FILM</b>	<b>5520</b>	<b>Film Theory II</b>	Lecture	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Survey of post-classical film theory, including semiotics, psychoanalytic, feminist, post-colonial and contemporary film theory. Weekly screenings.								
FAR	FILM	<b>FILM</b>	<b>5530</b>	<b>Film Theory III</b>	Laboratory	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		A sustained study of key debates in film theory selected by instructor. Weekly screenings.								
FAR	FILM	<b>FILM</b>	<b>5530</b>	<b>Film Theory III</b>	Lecture	3 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		A sustained study of key debates in film theory selected by instructor. Weekly screenings.								
FAR	FILM	<b>FILM</b>	<b>5640</b>	<b>Video Art</b>	Laboratory	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		An examination of contemporary video, music video, and new media within the context of art.								
FAR	FILM	<b>FILM</b>	<b>5640</b>	<b>Video Art</b>	Lecture	1 to 4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		An examination of contemporary video, music video, and new media within the context of art.								
FAR	FILM	<b>FILM</b>	<b>5710</b>	<b>Film Topics Seminar I</b>	Laboratory	1 to 4	80		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		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	<b>FILM</b>	<b>5710</b>	<b>Film Topics Seminar I</b>	Lecture	1 to 4	80		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		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.								

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FAR	FILM	<b>FILM</b>	<b>5720</b>	<b>Film Topics Seminar II</b>	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	<b>FILM</b>	<b>5720</b>	<b>Film Topics Seminar II</b>	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	<b>FILM</b>	<b>5750</b>	<b>Directing</b>	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	<b>FILM</b>	<b>5750</b>	<b>Directing</b>	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	<b>FILM</b>	<b>5810</b>	<b>Digital Editing I</b>	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	<b>FILM</b>	<b>5810</b>	<b>Digital Editing I</b>	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	<b>FILM</b>	<b>5820</b>	<b>Digital Editing II</b>	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	<b>FILM</b>	<b>5820</b>	<b>Digital Editing II</b>	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	<b>FILM</b>	<b>5900</b>	<b>Special Topics in Film</b>	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	<b>FILM</b>	<b>5910</b>	<b>Internship</b>	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	<b>FILM</b>	<b>6110</b>	<b>2nd Year Productions I</b>	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.								
FAR	FILM	<b>FILM</b>	<b>6120</b>	<b>2nd Year Productions II</b>	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.								

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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	<b>FILM</b>	<b>6140</b>	<b>Documentary Production Techniques</b>	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	<b>FILM</b>	<b>6140</b>	<b>Documentary Production Techniques</b>	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	<b>FILM</b>	<b>6330</b>	<b>International Film Seminar I</b>	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	<b>FILM</b>	<b>6340</b>	<b>International Film Seminar II</b>	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	<b>FILM</b>	<b>6430</b>	<b>Advanced Screenwriting</b>	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	<b>FILM</b>	<b>6440</b>	<b>Film Analysis</b>	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	<b>FILM</b>	<b>6440</b>	<b>Film Analysis</b>	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	<b>FILM</b>	<b>6450</b>	<b>Adaptation for the Screen</b>	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	<b>FILM</b>	<b>6500</b>	<b>Cinematography</b>	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	<b>FILM</b>	<b>6500</b>	<b>Cinematography</b>	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	<b>FILM</b>	<b>6510</b>	<b>Advanced Cinematography</b>	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.								
FAR	FILM	<b>FILM</b>	<b>6510</b>	<b>Advanced Cinematography</b>	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.								

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FAR	FILM	<b>FILM</b>	<b>6650</b>	<b>Producing</b>	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	<b>FILM</b>	<b>6650</b>	<b>Producing</b>	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	<b>FILM</b>	<b>6800</b>	<b>Motion Picture Compositing</b>	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	<b>FILM</b>	<b>6800</b>	<b>Motion Picture Compositing</b>	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	<b>FILM</b>	<b>6810</b>	<b>Graphics Integration and Advanced Compositing</b>	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	<b>FILM</b>	<b>6810</b>	<b>Graphics Integration and Advanced Compositing</b>	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	<b>FILM</b>	<b>6820</b>	<b>The Art of Editing</b>	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	<b>FILM</b>	<b>6820</b>	<b>The Art of Editing</b>	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	<b>FILM</b>	<b>6830</b>	<b>Advanced Digital Editing</b>	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	<b>FILM</b>	<b>6830</b>	<b>Advanced Digital Editing</b>	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	<b>FILM</b>	<b>6900</b>	<b>Special Topics in Film</b>	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	<b>FILM</b>	<b>6930</b>	<b>Independent Study</b>	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.								
FAR	FILM	<b>FILM</b>	<b>6930</b>	<b>Independent Study</b>	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.								

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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	<b>FILM</b>	<b>6950</b>	<b>Film Written Thesis</b>	Thesis	1 to 15	99		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Written thesis.								
FAR	FILM	<b>FILM</b>	<b>6960</b>	<b>Film Studio Thesis</b>	Tutorial	1 to 15	99		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Studio thesis.								
FAR	FILM	<b>FILM</b>	<b>6970</b>	<b>Thesis Seminar</b>	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	<b>FILM</b>	<b>7700</b>	<b>Master Class I</b>	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	<b>FILM</b>	<b>7710</b>	<b>Master Class II</b>	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	<b>FILM</b>	<b>7940</b>	<b>Individual Production Problems</b>	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	<b>FILM</b>	<b>7940</b>	<b>Individual Production Problems</b>	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	<b>FILM</b>	<b>7941</b>	<b>Individual Readings</b>	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	<b>FILM</b>	<b>7941</b>	<b>Individual Readings</b>	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.								

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FAR	IART	<b>IART</b>	<b>1170</b>	<b>Introduction to the Arts: Arts in Contexts</b>	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	<b>IART</b>	<b>1180</b>	<b>Introduction to the Arts: Object and Events</b>	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	<b>IART</b>	<b>2900</b>	<b>Special Topics in Interdisciplinary Arts</b>	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	IART	<b>IART</b>	<b>3600J</b>	<b>Writing in the Arts</b>	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	<b>IART</b>	<b>4001</b>	<b>Senior Seminar: Interdisciplinary Arts</b>	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		Major in Fine Arts and Sr only Designed to explore special topics in the arts at the advanced undergraduate level.								
FAR	IART	<b>IART</b>	<b>4710</b>	<b>Interdisciplinary Arts BFA Capstone</b>	Studio	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		Senior and Interdisciplinary Arts BFA major 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	<b>IART</b>	<b>4900</b>	<b>Special Topics in Interdisciplinary Arts</b>	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	IART	<b>IART</b>	<b>4930</b>	<b>Independent Study</b>	Ind Study	1 to 6	99		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,				REQUISITE:				
				PR				Permission required				
		COURSE DESC:		Individual investigation of selected topics.								
FAR	IART	<b>IART</b>	<b>5401</b>	<b>World Aesthetic Ideas</b>	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	<b>IART</b>	<b>5601</b>	<b>Southeast Asian Puppet Theater</b>	Seminar	4	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F,				REQUISITE:				
				CR, PR								
		COURSE DESC:		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	<b>IART</b>	<b>5801</b>	<b>Introduction to Arts in Health</b>	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	<b>IART</b>	<b>5802</b>	<b>Arts in Health Community Project</b>	Field	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.								

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FAR	IART	<b>IART</b>	<b>5802</b>	<b>Arts in Health Community Project</b>	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	<b>IART</b>	<b>5900</b>	<b>Special Topics in Interdisciplinary Arts</b>	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	<b>IART</b>	<b>5930</b>	<b>Independent Study</b>	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	<b>IART</b>	<b>6900</b>	<b>Special Topics in Interdisciplinary Arts</b>	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	<b>IART</b>	<b>6950</b>	<b>IART written thesis, studio thesis, or culminating experience</b>	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	<b>IART</b>	<b>7001</b>	<b>Research Skills</b>	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	<b>IART</b>	<b>7002</b>	<b>Pedagogy in the Arts</b>	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	<b>IART</b>	<b>7003</b>	<b>Dissertation Proposal Seminar</b>	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	<b>IART</b>	<b>7101</b>	<b>Studies in Medieval and Renaissance Music</b>	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	<b>IART</b>	<b>7102</b>	<b>Studies in Baroque and Classical Music</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Cultural history of music, 1600-1900								
FAR	IART	<b>IART</b>	<b>7103</b>	<b>Studies in 19th- Century Music</b>	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	<b>IART</b>	<b>7104</b>	<b>Studies in 20th- Century Music</b>	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	<b>IART</b>	<b>7201</b>	<b>Special Topics in Classical Visual Culture</b>	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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FAR	IART	<b>IART</b>	<b>7202</b>	<b>Special Topics in Medieval Visual Culture</b>	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	<b>IART</b>	<b>7203</b>	<b>Special Topics in Early Modern Visual Culture</b>	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	<b>IART</b>	<b>7204</b>	<b>Special Topics in Modernist-Contemporary Visual Culture</b>	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	<b>IART</b>	<b>7401</b>	<b>History of Aesthetics</b>	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	<b>IART</b>	<b>7402</b>	<b>Modern Aesthetic Thought</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Seminar content varies.								
FAR	IART	<b>IART</b>	<b>7403</b>	<b>Contemporary Aesthetics and Theory</b>	Seminar	4	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Seminar content varies.								
FAR	IART	<b>IART</b>	<b>7404</b>	<b>Critical Theory and the Arts</b>	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	<b>IART</b>	<b>7405</b>	<b>Theories of Theater I</b>	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	<b>IART</b>	<b>7406</b>	<b>Theories of Theater II</b>	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	<b>IART</b>	<b>7407</b>	<b>Transnational and Global Theories</b>	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	<b>IART</b>	<b>7501</b>	<b>Performance Studies: Ethnographic Research Methods</b>	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	<b>IART</b>	<b>7502</b>	<b>Performance Studies: The Body</b>	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.								



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FAR	IART	<b>IART</b>	<b>7503</b>	<b>Performance Studies</b>	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	<b>IART</b>	<b>7601</b>	<b>Contemporary African Art</b>	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	<b>IART</b>	<b>7602</b>	<b>Art of African Cinema</b>	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	<b>IART</b>	<b>7701</b>	<b>Greek-Medieval Theater and Drama</b>	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	<b>IART</b>	<b>7702</b>	<b>Renaissance through Eighteenth Century Theater and Drama</b>	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	<b>IART</b>	<b>7703</b>	<b>Nineteenth Century Drama and Theater</b>	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	<b>IART</b>	<b>7704</b>	<b>Twentieth Century Theater and Drama</b>	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	<b>IART</b>	<b>7705</b>	<b>American Theater and Drama</b>	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	<b>IART</b>	<b>8900</b>	<b>Special Topics in Interdisciplinary Arts</b>	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	<b>IART</b>	<b>8901</b>	<b>Seminar in Interdisciplinary Arts</b>	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	<b>IART</b>	<b>8930</b>	<b>Independent Study</b>	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	<b>IART</b>	<b>8950</b>	<b>Dissertation</b>	Thesis	1 to 15	99		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Dissertation as recommended by department.								

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FAR	IART	<b>T3</b>	<b>4601</b>	<b>Cultural Tradition and the Arts: Greek to Medieval</b>	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	<b>T3</b>	<b>4602</b>	<b>Cultural Tradition and the Arts: Renaissance to Baroque</b>	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	<b>T3</b>	<b>4603</b>	<b>Cultural Tradition and the Arts: 19th and 20th Centuries</b>	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	<b>T3</b>	<b>4604</b>	<b>Art and Morality</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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FAR	MUS	<b>MUS</b>	<b>D099</b>	<b>Theory Preparation for Music Majors</b>	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	<b>MUS</b>	<b>1000</b>	<b>Introduction to Music Theory</b>	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	<b>MUS</b>	<b>1009</b>	<b>Theory Fundamentals for Music Majors</b>	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	<b>MUS</b>	<b>1010</b>	<b>Music Theory I</b>	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	<b>MUS</b>	<b>1011</b>	<b>Music Theory Non-Majors I</b>	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	<b>MUS</b>	<b>1020</b>	<b>Music Theory II</b>	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	<b>MUS</b>	<b>1021</b>	<b>Music Theory Non-Majors II</b>	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	<b>MUS</b>	<b>1029</b>	<b>Aural Skills Fundamentals for Music Majors</b>	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	<b>MUS</b>	<b>1030</b>	<b>Dictation and Sight Singing I</b>	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	<b>MUS</b>	<b>1040</b>	<b>Dictation and Sight Singing II</b>	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	<b>MUS</b>	<b>1090</b>	<b>Performance Laboratory</b>	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	<b>MUS</b>	<b>1210</b>	<b>Introduction to World Music</b>	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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FAR	MUS	<b>MUS</b>	<b>1220</b>	<b>Exploring Musical Styles</b>	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	<b>MUS</b>	<b>1240</b>	<b>History of Rock Music I</b>	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	<b>MUS</b>	<b>1250</b>	<b>Introduction to Music History and Literature</b>	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	<b>MUS</b>	<b>1410</b>	<b>Class Piano I</b>	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	<b>MUS</b>	<b>1411</b>	<b>Class Piano I Non-Majors</b>	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	<b>MUS</b>	<b>1420</b>	<b>Class Piano II</b>	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	<b>MUS</b>	<b>1421</b>	<b>Class Piano II Non-Majors</b>	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	<b>MUS</b>	<b>1470</b>	<b>Class Voice I</b>	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	<b>MUS</b>	<b>1471</b>	<b>Class Voice Non-Majors</b>	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	<b>MUS</b>	<b>1480</b>	<b>Class Voice II</b>	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	<b>MUS</b>	<b>1600</b>	<b>Music Fundamentals</b>	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	<b>MUS</b>	<b>1610</b>	<b>Music for the Classroom Teacher</b>	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	<b>MUS</b>	<b>1630</b>	<b>Introduction to Music Education</b>	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	<b>MUS</b>	<b>1650</b>	<b>Class Folk Guitar I</b>	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.								
FAR	MUS	<b>MUS</b>	<b>1651</b>	<b>Class Folk Guitar for Non-Music Majors I</b>	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.								

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FAR	MUS	<b>MUS</b>	<b>1660</b>	<b>Class Folk Guitar II</b>	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	<b>MUS</b>	<b>1661</b>	<b>Class Folk Guitar for Non-music Majors II</b>	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	<b>MUS</b>	<b>1780</b>	<b>Computer Skills for Musicians</b>	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	<b>MUS</b>	<b>1790</b>	<b>Technology for Musicians</b>	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	<b>MUS</b>	<b>1800</b>	<b>Music Experience</b>	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	<b>MUS</b>	<b>1800</b>	<b>Music Experience</b>	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	<b>MUS</b>	<b>1810</b>	<b>Introduction to Music Therapy</b>	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	<b>MUS</b>	<b>1820</b>	<b>Recreational Music Instruments and Materials</b>	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	<b>MUS</b>	<b>2010</b>	<b>Music Theory III</b>	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	<b>MUS</b>	<b>2010A</b>	<b>Honors Experience: Music Theory III</b>	Ind Study	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F, REQUISITE: NC								
		COURSE DESC:										
FAR	MUS	<b>MUS</b>	<b>2020</b>	<b>Music Theory IV</b>	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	<b>MUS</b>	<b>2030</b>	<b>Dictation and Sight Singing III</b>	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	<b>MUS</b>	<b>2040</b>	<b>Dictation and Sight Singing IV</b>	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.								
FAR	MUS	<b>MUS</b>	<b>2240</b>	<b>History of Rock Music II</b>	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.								

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FAR	MUS	<b>MUS</b>	<b>2410</b>	<b>Class Piano III</b>	Studio	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in MUS 1420 and music major								
FAR	MUS	<b>MUS</b>	<b>2420</b>	<b>Class Piano IV</b>	Studio	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in MUS 2410 and music major								
				Group instruction in piano for music majors; continuation of MUS 2410.								
FAR	MUS	<b>MUS</b>	<b>2440</b>	<b>Communi-versity Band</b>	Studio	1	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Audition								
				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	<b>MUS</b>	<b>2480</b>	<b>African Ensemble I</b>	Studio	1	4		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>MUS</b>	<b>2481</b>	<b>African Ensemble II</b>	Studio	1	999		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Audition								
				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	<b>MUS</b>	<b>2490</b>	<b>Brass Choir</b>	Studio	1	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Audition								
				Performance of literature for large brass ensemble.								
FAR	MUS	<b>MUS</b>	<b>2510</b>	<b>Marching Band</b>	Studio	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Audition								
				Marching band for football and other university activities.								
FAR	MUS	<b>MUS</b>	<b>2511</b>	<b>Wind Symphony</b>	Studio	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Audition								
				Performance of literature for the wind symphony.								
FAR	MUS	<b>MUS</b>	<b>2512</b>	<b>University Concert Band</b>	Studio	1	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Audition								
				Performance of literature for concert band.								
FAR	MUS	<b>MUS</b>	<b>2513</b>	<b>Varsity Band</b>	Studio	1	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Audition								
				Provide music for various university indoor athletic events.								
FAR	MUS	<b>MUS</b>	<b>2514</b>	<b>Symphonic Band</b>	Studio	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Audition								
				Performance of literature for large concert band.								
FAR	MUS	<b>MUS</b>	<b>2520</b>	<b>Symphony Orchestra</b>	Studio	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Audition								
				Performance of literature for the symphony orchestra.								
FAR	MUS	<b>MUS</b>	<b>2521</b>	<b>Campus Orchestra</b>	Studio	1	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Audition								
				All-campus orchestra open to all members of the community. Performance of literature for symphony orchestra.								
FAR	MUS	<b>MUS</b>	<b>2530</b>	<b>University Singers</b>	Studio	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Audition								
				Performance of music for SATB choir.								
FAR	MUS	<b>MUS</b>	<b>2531</b>	<b>Choral Union</b>	Studio	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Audition								
				Performance of music for large chorus, including literature for chorus and instruments.								
FAR	MUS	<b>MUS</b>	<b>2532</b>	<b>Opera Theater</b>	Studio	1 to 2	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Audition								
				Preparation and performance of musical works for the stage.								

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FAR	MUS	<b>MUS</b>	<b>2533</b>	<b>The Singing Men of Ohio</b>	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	<b>MUS</b>	<b>2534</b>	<b>Bella Voce (SSAA Chorus)</b>	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	<b>MUS</b>	<b>2540</b>	<b>Chamber Music, Strings</b>	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	<b>MUS</b>	<b>2541</b>	<b>Chamber Music, Woodwinds</b>	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	<b>MUS</b>	<b>2542</b>	<b>Chamber Music, Brass</b>	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	<b>MUS</b>	<b>2543</b>	<b>Chamber Music, Percussion</b>	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	<b>MUS</b>	<b>2544</b>	<b>Chamber Music, Contemporary</b>	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	<b>MUS</b>	<b>2545</b>	<b>Chamber Music, Piano</b>	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	<b>MUS</b>	<b>2550</b>	<b>Jazz Ensemble</b>	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	<b>MUS</b>	<b>2551</b>	<b>Percussion Ensemble</b>	Studio	1	999		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE: Permission required				
		COURSE DESC:		Percussion ensemble rehearsal and performance.								
FAR	MUS	<b>MUS</b>	<b>2552</b>	<b>Trombone Choir</b>	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	<b>MUS</b>	<b>2555</b>	<b>Contemporary Music and Digital Instruments Ensemble</b>	Studio	1 to 2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE: Audition				
		COURSE DESC:		Performance of music for Contemporary Music and Digital Instruments								
FAR	MUS	<b>MUS</b>	<b>2610</b>	<b>Upper Strings Methods and Materials</b>	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	<b>MUS</b>	<b>2611</b>	<b>Lower Strings Methods and Materials</b>	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	<b>MUS</b>	<b>2630</b>	<b>Percussion Methods and Materials</b>	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	<b>MUS</b>	<b>2631</b>	<b>Horn and Trumpet Methods and Materials</b>	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.								
FAR	MUS	<b>MUS</b>	<b>2632</b>	<b>Trombone/Euphonium/Tuba Methods and Materials</b>	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.								

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FAR	MUS	<b>MUS</b>	<b>2633</b>	<b>Instrumental Methods Lab Band</b>	Studio	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MUS 2631 and 2632 and 2635 and 2636								
				Prepares prospective instrumental music educator for planning and implementing beginning band rehearsals in a heterogeneous instruments class setting.								
FAR	MUS	<b>MUS</b>	<b>2635</b>	<b>Flute, Saxophone &amp; Clarinet Methods and Materials</b>	Studio	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (Music education or therapy major) and (Soph or Jr or Sr)								
				Instruction in flute, saxophone, and clarinet with emphasis on teaching techniques, methods, and materials.								
FAR	MUS	<b>MUS</b>	<b>2636</b>	<b>Double Reed Methods and Materials</b>	Studio	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (Music education or therapy major) and (Soph or Jr or Sr)								
				Instruction in oboe and bassoon, with emphasis on teaching techniques, methods, and materials.								
FAR	MUS	<b>MUS</b>	<b>2640</b>	<b>Brass Methods and Materials</b>	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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								
				Instruction in brass instruments with emphasis on teaching techniques, pedagogy, methods, and materials.								
FAR	MUS	<b>MUS</b>	<b>2641</b>	<b>Woodwind Methods and Materials</b>	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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								
				Instruction in woodwind instruments with emphasis on teaching techniques, methods, and materials.								
FAR	MUS	<b>MUS</b>	<b>2642</b>	<b>String Methods and Materials</b>	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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								
				Instruction in stringed instruments with emphasis on teaching techniques, methods, and materials.								
FAR	MUS	<b>MUS</b>	<b>2810</b>	<b>Observation, Evaluation, and Research in Music Therapy</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MUS 1810 and (Soph or Jr or Sr)								
				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	<b>MUS</b>	<b>2830</b>	<b>Multi-Cultural Percussion and Movement</b>	Studio	1	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Music Therapy major and (Soph or Jr or Sr)								
				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	<b>MUS</b>	<b>2900</b>	<b>Special Topics in Music</b>	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	<b>MUS</b>	<b>2920</b>	<b>Music Therapy Second-Year Practicum</b>	Practicum	1	2	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
				REQUISITE: Music Therapy major and (Soph or Jr or Sr)								
				CR								
		COURSE DESC:		Selected field experiences in approved clinical facilities; field evaluation of student.								
FAR	MUS	<b>MUS</b>	<b>2970T</b>	<b>Theory and Musicianship I</b>	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: HTC Music major								
				First semester Honors College tutorial on diatonic music theory, including musicianship.								
FAR	MUS	<b>MUS</b>	<b>2971T</b>	<b>Studies in Music History I</b>	Tutorial	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MUS 2970T								
				Honors College tutorial on music history topics.								
FAR	MUS	<b>MUS</b>	<b>2980T</b>	<b>Theory and Musicianship II</b>	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MUS 2970T								
				First year, second semester Honors College tutorial on chromatic music theory, including musicianship and an introduction to post-tonal music theory.								
FAR	MUS	<b>MUS</b>	<b>2981T</b>	<b>Studies in Music History II</b>	Tutorial	1 to 12	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MUS 2971T								
				Honors College tutorial on music history topics.								
FAR	MUS	<b>MUS</b>	<b>3040</b>	<b>Instrumentation</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MUS 2020								
				Technical characteristics of instruments of band and orchestra. Arranging for small ensembles.								



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FAR	MUS	<b>MUS</b>	<b>3050</b>	<b>Orchestration</b>	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	<b>MUS</b>	<b>3070</b>	<b>Choral Arranging</b>	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	<b>MUS</b>	<b>3080</b>	<b>Composition, Non-Major</b>	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	<b>MUS</b>	<b>3090</b>	<b>Composition, Major</b>	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	<b>MUS</b>	<b>3210</b>	<b>History and Literature of Music I</b>	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	<b>MUS</b>	<b>3220</b>	<b>History and Literature of Music II</b>	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	<b>MUS</b>	<b>3400</b>	<b>Voice</b>	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in voice.								
FAR	MUS	<b>MUS</b>	<b>3410</b>	<b>Piano</b>	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in piano.								
FAR	MUS	<b>MUS</b>	<b>3420</b>	<b>Harp</b>	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in harp.								
FAR	MUS	<b>MUS</b>	<b>3430</b>	<b>Organ</b>	Studio	1 to 4	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in organ.								
FAR	MUS	<b>MUS</b>	<b>3431</b>	<b>Harpsichord</b>	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in harpsichord.								
FAR	MUS	<b>MUS</b>	<b>3440</b>	<b>Violin</b>	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in violin.								
FAR	MUS	<b>MUS</b>	<b>3450</b>	<b>Viola</b>	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in viola.								
FAR	MUS	<b>MUS</b>	<b>3460</b>	<b>Violoncello</b>	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in violoncello.								
FAR	MUS	<b>MUS</b>	<b>3470</b>	<b>Double Bass</b>	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in double bass.								
FAR	MUS	<b>MUS</b>	<b>3471</b>	<b>Applied Guitar</b>	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in guitar.								
FAR	MUS	<b>MUS</b>	<b>3480</b>	<b>Flute</b>	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in flute.								

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FAR	MUS	<b>MUS</b>	<b>3490</b>	<b>Oboe</b>	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in oboe.								
FAR	MUS	<b>MUS</b>	<b>3500</b>	<b>Bassoon</b>	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in bassoon.								
FAR	MUS	<b>MUS</b>	<b>3510</b>	<b>Clarinet</b>	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in clarinet.								
FAR	MUS	<b>MUS</b>	<b>3520</b>	<b>Saxophone</b>	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in saxophone.								
FAR	MUS	<b>MUS</b>	<b>3530</b>	<b>Trumpet</b>	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in trumpet.								
FAR	MUS	<b>MUS</b>	<b>3540</b>	<b>Horn</b>	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in horn.								
FAR	MUS	<b>MUS</b>	<b>3550</b>	<b>Euphonium</b>	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in euphonium.								
FAR	MUS	<b>MUS</b>	<b>3560</b>	<b>Trombone</b>	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in trombone.								
FAR	MUS	<b>MUS</b>	<b>3570</b>	<b>Tuba</b>	Studio	1 to 4	999		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Music major						
		COURSE DESC:		Studio instruction in tuba.								
FAR	MUS	<b>MUS</b>	<b>3580</b>	<b>Percussion</b>	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	<b>MUS</b>	<b>3590</b>	<b>Class Piano V</b>	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	<b>MUS</b>	<b>3600</b>	<b>Class Piano VI</b>	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	<b>MUS</b>	<b>3625</b>	<b>The History of Jazz</b>	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:		Study of jazz styles from inception to the current era. Develop understanding and appreciation for jazz music through topical readings, listening, and exploration of the social and musical implications of jazz music in American culture.								
FAR	MUS	<b>MUS</b>	<b>3630</b>	<b>Instrumental Methods and Materials</b>	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	<b>MUS</b>	<b>3631</b>	<b>Instrumental Methods and Materials</b>	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.								
FAR	MUS	<b>MUS</b>	<b>3640</b>	<b>Secondary School Choral Techniques and Materials</b>	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.								

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FAR	MUS	<b>MUS</b>	<b>3660</b>	<b>General Music Methods</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr standing in Music Education or Music Therapy								
FAR	MUS	<b>MUS</b>	<b>3661</b>	<b>Introduction to Orff Schulwerk</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MUS 1020 or 1610								
FAR	MUS	<b>MUS</b>	<b>3662</b>	<b>Early Childhood Music Education</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Music major and Jr standing in music education								
FAR	MUS	<b>MUS</b>	<b>3665</b>	<b>General Music Methods</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		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								
				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	<b>MUS</b>	<b>3680</b>	<b>Woodwind and Brass Instrument Repair</b>	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,								
				REQUISITE: MUS 2020 and 2040								
				PR, F								
		COURSE DESC:		Prepares music students to do minor emergency repairs on flute, clarinet, saxophone, oboe, bassoon, trumpet, trombone, horn and low brass.								
FAR	MUS	<b>MUS</b>	<b>3700</b>	<b>Applied Conducting</b>	Studio	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: (MUS 4560 or 4561) and permission required								
				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	<b>MUS</b>	<b>3720</b>	<b>Advanced Functional Skills</b>	Studio	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Piano major and (Jr or Sr)								
				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	<b>MUS</b>	<b>3749</b>	<b>English and International Phonetic Alphabet for Singers</b>	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course focuses on the fundamentals of IPA for singers, English diction, phonology and grammar for singing.								
FAR	MUS	<b>MUS</b>	<b>3750</b>	<b>English and Italian Diction for Singers</b>	Studio	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ITAL 1110								
				Stresses using vocal repertoire, correct pronunciation for singing.								
FAR	MUS	<b>MUS</b>	<b>3751</b>	<b>Italian for Singers</b>	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course focuses on Italian diction, phonology and grammar for singing.								
FAR	MUS	<b>MUS</b>	<b>3752</b>	<b>German for Singers</b>	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course focuses on German diction, phonology and grammar for singing.								
FAR	MUS	<b>MUS</b>	<b>3753</b>	<b>French for Singers</b>	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course focuses on French diction, phonology and grammar for singing.								
FAR	MUS	<b>MUS</b>	<b>3754</b>	<b>Vocal Coaching</b>	Tutorial	1	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>MUS</b>	<b>3770</b>	<b>Jazz Improvisation I</b>	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in MUS 1020								
				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	<b>MUS</b>	<b>3771</b>	<b>Jazz Improvisation II</b>	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in MUS 1020								
				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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>MUS</b>	<b>3790</b>	<b>Performance Preparation</b>	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	<b>MUS</b>	<b>3800</b>	<b>Wagner and The Ring of the Nibelungen</b>	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	<b>MUS</b>	<b>3820</b>	<b>Psychological Foundations of Music Therapy</b>	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	<b>MUS</b>	<b>3920</b>	<b>Music Therapy Third-Year Practicum</b>	Practicum	1	4	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Jr standing in Music Therapy								
		COURSE DESC:		Selected field experiences in approved clinical facilities; field evaluation of student.								
FAR	MUS	<b>MUS</b>	<b>3921</b>	<b>Practicum in Music</b>	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	<b>MUS</b>	<b>3970T</b>	<b>Studies in Music I</b>	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	<b>MUS</b>	<b>3980T</b>	<b>Studies in Music II</b>	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	<b>MUS</b>	<b>4000</b>	<b>Classroom Assessment and Management for Music Educators</b>	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	<b>MUS</b>	<b>4050</b>	<b>Jazz Theory I</b>	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	<b>MUS</b>	<b>4051</b>	<b>Jazz Theory II</b>	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	<b>MUS</b>	<b>4070</b>	<b>Counterpoint I</b>	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	<b>MUS</b>	<b>4071</b>	<b>Counterpoint II</b>	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	<b>MUS</b>	<b>4130</b>	<b>History and Practice of Electronic Music</b>	Lecture	2	0		I	U30		40
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		History, theories, techniques, and aesthetics of electronic music.								
FAR	MUS	<b>MUS</b>	<b>4150</b>	<b>Computers and Music Production</b>	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.								

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FAR	MUS	<b>MUS</b>	<b>4160</b>	<b>Project in Electronic Music</b>	Lecture	2	4		I	U30		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		COURSE DESC:		PR, F Creating a major project using MIDI synthesizers and software and/or digital audio.								
FAR	MUS	<b>MUS</b>	<b>4170</b>	<b>Computer Music Programming</b>	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	<b>MUS</b>	<b>4210</b>	<b>Literature of Choral Music</b>	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	<b>MUS</b>	<b>4211</b>	<b>Literature of Piano Music</b>	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	<b>MUS</b>	<b>4212</b>	<b>Literature of Chamber Music</b>	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	<b>MUS</b>	<b>4213</b>	<b>Literature of Orchestral Music</b>	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	<b>MUS</b>	<b>4214</b>	<b>Literature of Organ Music</b>	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	<b>MUS</b>	<b>4215</b>	<b>Literature of Opera</b>	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	<b>MUS</b>	<b>4216</b>	<b>Literature of Band Music</b>	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	<b>MUS</b>	<b>4250</b>	<b>Music of Africa</b>	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	<b>MUS</b>	<b>4260</b>	<b>African Music and Related Arts</b>	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	<b>MUS</b>	<b>4270</b>	<b>Folk Music in the United States</b>	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	<b>MUS</b>	<b>4490</b>	<b>Collaborative Piano</b>	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	<b>MUS</b>	<b>4500</b>	<b>Accompanying</b>	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	<b>MUS</b>	<b>4550</b>	<b>Basic Conducting</b>	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 nondominant hand. Experience in conducting choral and small instrumental ensembles in works suitable for school groups.								
FAR	MUS	<b>MUS</b>	<b>4560</b>	<b>Instrumental Conducting</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 4550								
		COURSE DESC:		Experience in conducting from full score; includes band and orchestral works suitable for high school groups.								

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FAR	MUS	<b>MUS</b>	<b>4561</b>	<b>Choral Conducting</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 4550								
		COURSE DESC:		Specialized conducting techniques for choral groups, including experience in conducting works suitable for high school and college groups.								
FAR	MUS	<b>MUS</b>	<b>4570</b>	<b>String Instrument Pedagogy and Repertoire</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (MUS 3220 or 323) and (Jr or Sr)								
		COURSE DESC:		Teaching techniques and use of selected materials for various levels of ability. Includes practical experience in teaching string instruments. Also, solo performance and teaching repertoire for each string instrument.								
FAR	MUS	<b>MUS</b>	<b>4571</b>	<b>Woodwind Instrument Pedagogy and Repertoire</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (MUS 3220 or 323) and (Jr or Sr)								
		COURSE DESC:		Pedagogy practices and literature of woodwind instruments. Solo performance repertoire.								
FAR	MUS	<b>MUS</b>	<b>4572</b>	<b>Brass Instrument Pedagogy and Repertoire</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (MUS 3220 or 323) and (Jr or Sr)								
		COURSE DESC:		Current pedagogy and teaching materials for brass instruments. Solo performance repertoire for brass.								
FAR	MUS	<b>MUS</b>	<b>4573</b>	<b>Solo Vocal Repertoire I: French and British</b>	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 3220 or 323								
		COURSE DESC:		Intensive survey of the solo vocal literature of England and France from the early 17th century to the present day.								
FAR	MUS	<b>MUS</b>	<b>4574</b>	<b>Solo Vocal Repertoire II: Germany and United States</b>	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 3220 or 323								
		COURSE DESC:		Intensive survey of the solo vocal literature of Germany and the United States.								
FAR	MUS	<b>MUS</b>	<b>4575</b>	<b>Percussion Instruments Pedagogy and Repertoire</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (MUS 3220 or 323) and (Jr or Sr)								
		COURSE DESC:		Pedagogy and solo repertoire of percussion instruments.								
FAR	MUS	<b>MUS</b>	<b>4576</b>	<b>Keyboard Repertoire I</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MUS 1250								
		COURSE DESC:		PR Comprehensive study of the keyboard repertoire from 1600 through 1849, including the major works of Baroque composers and ending with Chopin.								
FAR	MUS	<b>MUS</b>	<b>4577</b>	<b>Keyboard Repertoire II</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MUS 1250								
		COURSE DESC:		PR 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	<b>MUS</b>	<b>4580</b>	<b>Piano Pedagogy I</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Provides creative teaching strategies for piano teacher. Teaching philosophies, objectives, and procedures discussed and applied to group and private piano instruction. Includes teaching techniques for working with students of all ages and levels.								
FAR	MUS	<b>MUS</b>	<b>4581</b>	<b>Piano Pedagogy II</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 4580								
		COURSE DESC:		Provides creative teaching strategies for piano teacher. Teaching philosophies, objectives, and procedures discussed and applied to group and private piano instruction. Includes teaching techniques for working with students of all ages and levels.								
FAR	MUS	<b>MUS</b>	<b>4582</b>	<b>Group Piano Pedagogy</b>	Seminar	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Foundational principles of teaching piano in group environments and issues surrounding this topic. Additional course content addresses current trends in technology and their application to piano teaching.								
FAR	MUS	<b>MUS</b>	<b>4583</b>	<b>Organ Pedagogy</b>	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: MUS 1250								
		COURSE DESC:		Teaching techniques and use of methods and repertoire for various levels of ability at the organ.								
FAR	MUS	<b>MUS</b>	<b>4585</b>	<b>Vocal Pedagogy</b>	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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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FAR	MUS	<b>MUS</b>	<b>4590</b>	<b>Advanced Instrumental Conducting</b>	Lecture	2	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MUS 4560 and permission								
				Students develop advanced conducting skills, including philosophy and leadership, score study and analysis, interpretation and rehearsal skills, and movement and conducting technique. Application includes opportunities for chamber and large ensemble conducting.								
FAR	MUS	<b>MUS</b>	<b>4591</b>	<b>Advanced Choral Conducting</b>	Lecture	2	0		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MUS 4561 and permission required								
				Students develop advanced conducting skills, including philosophy and leadership, score study and analysis, interpretation and rehearsal skills, and movement and conducting technique. Application includes opportunities for chamber and large ensemble conducting.								
FAR	MUS	<b>MUS</b>	<b>4620</b>	<b>Music in the Multicultural United States</b>	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: ANTH 1010 and Sr								
				This course is intended to give students an overview of the two contributing cultures and their musics found in this country, from the songs of rural Appalachia and New England to the African music brought by the slaves; to the musics that grew out of those traditions, from the popular musics of the cities to the songs of Latin Americans and European minorities. We will trace the way these musics live in the modern city, in the academic world and in contemporary music society. (Nettl, 1976)								
				The student will be introduced to the study of music as a manifestation of human need and a representation of culture. The course uses music as an index to understand American culture while it introduces the student to various concepts in the field of ethnomusicology. (Nettl, 1976)								
FAR	MUS	<b>MUS</b>	<b>4630</b>	<b>Scoring for Bands</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MUS 3040 and (music education or therapy major) and (Jr or Sr)								
				Scoring for the concert band. Emphasis will be on arranging for band within specific levels of difficulty encountered in school band programs.								
FAR	MUS	<b>MUS</b>	<b>4640</b>	<b>Marching Band Techniques</b>	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr standing in Music Education								
				Techniques for preparation of high school and college marching band performance.								
FAR	MUS	<b>MUS</b>	<b>4650</b>	<b>Jazz Ensemble Methods</b>	Lecture	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr standing in Music Education								
				Methods of organizing and implementing jazz ensemble programs in secondary schools. Includes survey of appropriate materials.								
FAR	MUS	<b>MUS</b>	<b>4700</b>	<b>History of Film Music</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				This course traces the history and development of film music through lecture, reading and film viewing/music listening- investigating the process of film scoring and how music and its relationship to film have changed over the last century. The emphasis will be on how different composers, in their unique historical/cultural contexts, contribute to the emotional and psychological subtext of a narrative through music and the musical vocabularies that are part of the scoring for film process.								
FAR	MUS	<b>MUS</b>	<b>4810</b>	<b>Music Therapy Principles and Techniques I</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr standing in Music Therapy								
				Problems of exceptional children and therapist strategies and techniques for remediation; terminology; treatment settings.								
FAR	MUS	<b>MUS</b>	<b>4820</b>	<b>Music Therapy Principles and Techniques II</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MUS 4810								
				Problems in psychiatry and rehabilitation; therapist strategies and techniques for remediation; terminology; treatment settings; traditional and current psycho-therapeutic and behavioral approaches.								
FAR	MUS	<b>MUS</b>	<b>4830</b>	<b>Music Therapy Principles and Techniques III</b>	Lecture	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MUS 4810, 4820, and senior								
				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	<b>MUS</b>	<b>4830</b>	<b>Music Therapy Principles and Techniques III</b>	Recitation	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: MUS 4810, 4820, and senior								
				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	<b>MUS</b>	<b>4900</b>	<b>Special Topics in Music Therapy</b>	Tutorial	2	4		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Music Therapy Major								
				Relevant topics in music therapy not covered in depth in the standard undergraduate curriculum.								
FAR	MUS	<b>MUS</b>	<b>4901</b>	<b>Special Topics in Tonal Analysis</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C- or better in (MUS 2020 and 2040)								
				Analysis of music in the tonal tradition; some attention will be paid to pre-tonal structures leading toward tonality. Specific pieces, genres, and topics will vary.								
FAR	MUS	<b>MUS</b>	<b>4902</b>	<b>Special Topics in Post-Tonal Analysis</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C- or better in (MUS 2020 and 2040)								
				Analysis of 20th-century music, with some attention paid to late 19th-century chromaticism. Specific pieces, genres, and topics will vary.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>MUS</b>	<b>4910</b>	<b>Internship in Music Therapy</b>	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	<b>MUS</b>	<b>4920</b>	<b>Music Therapy Fourth-Year Practicum</b>	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	<b>MUS</b>	<b>4930</b>	<b>Independent Project</b>	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	<b>MUS</b>	<b>4931</b>	<b>Music Clinic Workshop</b>	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	<b>MUS</b>	<b>4940</b>	<b>Junior Recital</b>	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	<b>MUS</b>	<b>4941</b>	<b>Senior Recital</b>	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	<b>MUS</b>	<b>4942H</b>	<b>Honors Recital</b>	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	<b>MUS</b>	<b>4943</b>	<b>Recital</b>	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	<b>MUS</b>	<b>4950</b>	<b>Senior Thesis I</b>	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	<b>MUS</b>	<b>4951</b>	<b>Senior Thesis II</b>	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	<b>MUS</b>	<b>4970T</b>	<b>Thesis Research and Creative Activity/Writing I</b>	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	<b>MUS</b>	<b>4980T</b>	<b>Thesis Research and Creative Activity/Writing II</b>	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	<b>MUS</b>	<b>5000</b>	<b>Tonal Theory Review</b>	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.								



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COURSE LISTING  
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FAR	MUS	<b>MUS</b>	<b>5001</b>	<b>Post-Tonal Theory Review</b>	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	<b>MUS</b>	<b>5002</b>	<b>Tonal Theory Review</b>	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	<b>MUS</b>	<b>5020</b>	<b>Introduction to Schenkerian Analysis</b>	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	<b>MUS</b>	<b>5030</b>	<b>Post-Tonal Analysis</b>	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	<b>MUS</b>	<b>5040</b>	<b>Theory Pedagogy</b>	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	<b>MUS</b>	<b>5050</b>	<b>Jazz Theory I</b>	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	<b>MUS</b>	<b>5051</b>	<b>Jazz Theory II</b>	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	<b>MUS</b>	<b>5070</b>	<b>Counterpoint I</b>	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	<b>MUS</b>	<b>5071</b>	<b>Counterpoint II</b>	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	<b>MUS</b>	<b>5080</b>	<b>Composition, Non-Major</b>	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	<b>MUS</b>	<b>5090</b>	<b>Composition</b>	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	<b>MUS</b>	<b>5130</b>	<b>History and Practice of Electronic Music</b>	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		History, theories, techniques, and aesthetics of electronic music.								
FAR	MUS	<b>MUS</b>	<b>5140</b>	<b>Advanced Orchestration</b>	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	<b>MUS</b>	<b>5150</b>	<b>Computers and Music Production</b>	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.								

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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	<b>MUS</b>	<b>5160</b>	<b>Project in Electronic Music</b>	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	<b>MUS</b>	<b>5170</b>	<b>Computer Music Programming</b>	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	<b>MUS</b>	<b>5210</b>	<b>Literature of Choral Music</b>	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Survey of major choral works throughout music history.								
FAR	MUS	<b>MUS</b>	<b>5211</b>	<b>Literature of Piano Music</b>	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	<b>MUS</b>	<b>5212</b>	<b>Literature of Chamber Music</b>	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	<b>MUS</b>	<b>5213</b>	<b>Literature of Orchestral Music</b>	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	<b>MUS</b>	<b>5214</b>	<b>Literature of Organ Music</b>	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	<b>MUS</b>	<b>5215</b>	<b>Literature of Opera</b>	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	<b>MUS</b>	<b>5216</b>	<b>Literature of Band Music</b>	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Survey of literature for the wind band.								
FAR	MUS	<b>MUS</b>	<b>5217</b>	<b>Literature of Band Music</b>	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	<b>MUS</b>	<b>5240</b>	<b>History of Musical Styles I</b>	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	<b>MUS</b>	<b>5241</b>	<b>History of Musical Styles II</b>	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	<b>MUS</b>	<b>5250</b>	<b>Music of Africa</b>	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	<b>MUS</b>	<b>5260</b>	<b>African Music and Related Arts</b>	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.								

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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	<b>MUS</b>	<b>5270</b>	<b>Folk Music in the United States</b>	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	<b>MUS</b>	<b>5271</b>	<b>Music Administration Principles and Practices</b>	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	<b>MUS</b>	<b>5280</b>	<b>Jazz History</b>	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F				REQUISITE:				
		COURSE DESC:		Study of jazz styles to 1970.								
FAR	MUS	<b>MUS</b>	<b>5400</b>	<b>Voice</b>	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,				REQUISITE:				
				CR, PR								
		COURSE DESC:		Studio lessons in voice.								
FAR	MUS	<b>MUS</b>	<b>5410</b>	<b>Piano</b>	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,				REQUISITE:				
				CR, PR								
		COURSE DESC:		Studio instruction in piano.								
FAR	MUS	<b>MUS</b>	<b>5420</b>	<b>Harpsichord</b>	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,				REQUISITE:				
				CR, PR								
		COURSE DESC:		Studio instruction in harpsichord.								
FAR	MUS	<b>MUS</b>	<b>5421</b>	<b>Violin</b>	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,				REQUISITE:				
				CR, PR								
		COURSE DESC:		Studio instruction in violin.								
FAR	MUS	<b>MUS</b>	<b>5422</b>	<b>Viola</b>	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,				REQUISITE:				
				CR, PR								
		COURSE DESC:		Studio instruction in viola.								
FAR	MUS	<b>MUS</b>	<b>5423</b>	<b>Violoncello</b>	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,				REQUISITE:				
				CR, PR								
		COURSE DESC:		Studio instruction in violoncello.								
FAR	MUS	<b>MUS</b>	<b>5424</b>	<b>Double Bass</b>	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	<b>MUS</b>	<b>5425</b>	<b>Harp</b>	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,				REQUISITE:				
				CR, PR								
		COURSE DESC:		Studio instruction in harp.								
FAR	MUS	<b>MUS</b>	<b>5430</b>	<b>Flute</b>	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,				REQUISITE:				
				CR, PR								
		COURSE DESC:		Studio instruction in flute.								
FAR	MUS	<b>MUS</b>	<b>5431</b>	<b>Oboe</b>	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,				REQUISITE:				
				CR, PR								
		COURSE DESC:		Studio instruction in oboe.								
FAR	MUS	<b>MUS</b>	<b>5432</b>	<b>Clarinet</b>	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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FAR	MUS	<b>MUS</b>	<b>5433</b>	<b>Bassoon</b>	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Studio instruction in bassoon.								
FAR	MUS	<b>MUS</b>	<b>5434</b>	<b>Saxophone</b>	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Studio instruction in saxophone.								
FAR	MUS	<b>MUS</b>	<b>5440</b>	<b>Trumpet</b>	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Studio instruction in trumpet.								
FAR	MUS	<b>MUS</b>	<b>5441</b>	<b>Horn</b>	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Studio instruction in horn.								
FAR	MUS	<b>MUS</b>	<b>5442</b>	<b>Trombone</b>	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Studio instruction in trombone.								
FAR	MUS	<b>MUS</b>	<b>5443</b>	<b>Euphonium</b>	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Studio instruction in euphonium.								
FAR	MUS	<b>MUS</b>	<b>5444</b>	<b>Tuba</b>	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Studio instruction in tuba.								
FAR	MUS	<b>MUS</b>	<b>5450</b>	<b>Percussion</b>	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Studio instruction in percussion instruments.								
FAR	MUS	<b>MUS</b>	<b>5460</b>	<b>Organ</b>	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Studio instruction in organ.								
FAR	MUS	<b>MUS</b>	<b>5470</b>	<b>Brass Choir</b>	Studio	1	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Performance of literature for large brass ensemble.								
FAR	MUS	<b>MUS</b>	<b>5471</b>	<b>Applied Guitar</b>	Studio	1 to 6	999		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Studio instruction in guitar.								
FAR	MUS	<b>MUS</b>	<b>5480</b>	<b>African Ensemble I</b>	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	<b>MUS</b>	<b>5481</b>	<b>African Ensemble II</b>	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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FAR	MUS	<b>MUS</b>	<b>5490</b>	<b>Collaborative Piano</b>	Tutorial	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Applied private instruction dealing with the technical and practical skills involved in collaborative playing with vocalists and instrumentalists.								
FAR	MUS	<b>MUS</b>	<b>5500</b>	<b>Accompanying</b>	Tutorial	1	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Basic problems in accompanying vocalists and instrumentalists--rehearsal techniques, ensemble, pedaling, balance, etc. May be repeated.								
FAR	MUS	<b>MUS</b>	<b>5510</b>	<b>Marching Band</b>	Studio	1 to 2	2		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition								
		COURSE DESC:		Marching band for football and other university activities.								
FAR	MUS	<b>MUS</b>	<b>5511</b>	<b>Wind Symphony</b>	Studio	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition								
		COURSE DESC:		Performance of literature for the wind symphony.								
FAR	MUS	<b>MUS</b>	<b>5512</b>	<b>University Concert Band</b>	Studio	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition								
		COURSE DESC:		Performance of literature for concert band.								
FAR	MUS	<b>MUS</b>	<b>5513</b>	<b>Varsity Band</b>	Studio	1	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition								
		COURSE DESC:		Provide music for various university indoor athletic events.								
FAR	MUS	<b>MUS</b>	<b>5514</b>	<b>Symphonic Band</b>	Studio	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition								
		COURSE DESC:		Performance of literature for large concert band.								
FAR	MUS	<b>MUS</b>	<b>5520</b>	<b>Symphony Orchestra</b>	Studio	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition								
		COURSE DESC:		Performance of literature for the symphony orchestra.								
FAR	MUS	<b>MUS</b>	<b>5521</b>	<b>Campus Orchestra</b>	Studio	1	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition								
		COURSE DESC:		All-campus orchestra open to all members of the community. Performance of literature for symphony orchestra.								
FAR	MUS	<b>MUS</b>	<b>5530</b>	<b>University Singers</b>	Studio	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition								
		COURSE DESC:		Performance of music for SATB choir.								
FAR	MUS	<b>MUS</b>	<b>5531</b>	<b>Choral Union</b>	Studio	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition								
		COURSE DESC:		Performance of music for large chorus, including literature for chorus and instruments.								
FAR	MUS	<b>MUS</b>	<b>5532</b>	<b>Opera Theater</b>	Studio	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition								
		COURSE DESC:		Preparation and performance of musical works for the stage.								
FAR	MUS	<b>MUS</b>	<b>5533</b>	<b>The Singing Men of Ohio</b>	Studio	1	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Audition								
		COURSE DESC:		Preparation and performance of music for men's choir.								

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FAR	MUS	<b>MUS</b>	<b>5534</b>	<b>Bella Voce (SSAA Chorus)</b>	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	<b>MUS</b>	<b>5540</b>	<b>Chamber Music, Strings</b>	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	<b>MUS</b>	<b>5541</b>	<b>Chamber Music, Woodwinds</b>	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	<b>MUS</b>	<b>5542</b>	<b>Chamber Music, Brass</b>	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	<b>MUS</b>	<b>5543</b>	<b>Chamber Music, Percussion</b>	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	<b>MUS</b>	<b>5544</b>	<b>Chamber Music, Contemporary</b>	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	<b>MUS</b>	<b>5545</b>	<b>Chamber Music, Piano</b>	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	<b>MUS</b>	<b>5550</b>	<b>Jazz Ensemble</b>	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	<b>MUS</b>	<b>5551</b>	<b>Percussion Ensemble</b>	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	<b>MUS</b>	<b>5552</b>	<b>Trombone Choir</b>	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	<b>MUS</b>	<b>5555</b>	<b>Contemporary Music and Digital Instruments Ensemble</b>	Studio	1 to 2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Audition								
		COURSE DESC:		Performance of music for Contemporary Music and Digital Instruments								
FAR	MUS	<b>MUS</b>	<b>5570</b>	<b>String Instrument Pedagogy and Repertoire</b>	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	<b>MUS</b>	<b>5571</b>	<b>Woodwind Instrument Pedagogy and Repertoire</b>	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.								

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FAR	MUS	<b>MUS</b>	<b>5572</b>	<b>Brass Instrument Pedagogy and Repertoire</b>	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	<b>MUS</b>	<b>5573</b>	<b>Solo Vocal Repertoire I: French and British</b>	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	<b>MUS</b>	<b>5574</b>	<b>Solo Vocal Repertoire II: Germany and United States</b>	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	<b>MUS</b>	<b>5575</b>	<b>Percussion Instruments Pedagogy and Repertoire</b>	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		PR										
		COURSE DESC:		Pedagogy and solo repertoire of percussion instruments.								
FAR	MUS	<b>MUS</b>	<b>5576</b>	<b>Keyboard Repertoire I</b>	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	<b>MUS</b>	<b>5577</b>	<b>Keyboard Repertoire II</b>	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	<b>MUS</b>	<b>5580</b>	<b>Piano Pedagogy I</b>	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	<b>MUS</b>	<b>5581</b>	<b>Piano Pedagogy II</b>	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	<b>MUS</b>	<b>5582</b>	<b>Group Piano Pedagogy</b>	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	<b>MUS</b>	<b>5583</b>	<b>Organ Pedagogy</b>	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	<b>MUS</b>	<b>5584</b>	<b>Voice Pedagogy Survey</b>	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	<b>MUS</b>	<b>5590</b>	<b>Advanced Instrumental Conducting</b>	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	<b>MUS</b>	<b>5591</b>	<b>Advanced Choral Conducting</b>	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.								

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FAR	MUS	<b>MUS</b>	<b>5592</b>	<b>Applied Conducting</b>	Studio	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		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	<b>MUS</b>	<b>5595</b>	<b>Advanced Instrumental Conducting</b>	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	<b>MUS</b>	<b>5630</b>	<b>Instrumental Techniques and Materials</b>	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	<b>MUS</b>	<b>5640</b>	<b>Marching Band Techniques</b>	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	<b>MUS</b>	<b>5650</b>	<b>Choral Techniques and Materials</b>	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	<b>MUS</b>	<b>5660</b>	<b>Contemporary Elementary Music Education</b>	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	<b>MUS</b>	<b>5661</b>	<b>Introduction to Orff Schulwerk</b>	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	<b>MUS</b>	<b>5662</b>	<b>Early Childhood Music Education</b>	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	<b>MUS</b>	<b>5680</b>	<b>General Music in Junior High School</b>	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	<b>MUS</b>	<b>5700</b>	<b>History of Film Music</b>	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	<b>MUS</b>	<b>5700X</b>	<b>History of Film Music</b>	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	<b>MUS</b>	<b>5720</b>	<b>Advanced Functional Skills</b>	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.								
FAR	MUS	<b>MUS</b>	<b>5749</b>	<b>English and International Phonetic Alphabet for Singers</b>	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.								



**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>MUS</b>	<b>5750</b>	<b>English and Italian Diction for Singers</b>	Studio	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Stresses using vocal repertoire, correct pronunciation for singing.								
FAR	MUS	<b>MUS</b>	<b>5751</b>	<b>Italian for Singers</b>	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	<b>MUS</b>	<b>5752</b>	<b>German for Singers</b>	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	<b>MUS</b>	<b>5753</b>	<b>French for Singers</b>	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	<b>MUS</b>	<b>5754</b>	<b>Vocal Coaching</b>	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	<b>MUS</b>	<b>5770</b>	<b>Jazz Improvisation I</b>	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	<b>MUS</b>	<b>5771</b>	<b>Jazz Improvisation II</b>	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	<b>MUS</b>	<b>5790</b>	<b>Performance Preparation</b>	Lecture	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
				PR, F								
		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	<b>MUS</b>	<b>5800</b>	<b>Wagner and The Ring of the Nibelungen</b>	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	<b>MUS</b>	<b>5820</b>	<b>Psychological Foundations of Music Therapy</b>	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	<b>MUS</b>	<b>5830</b>	<b>Research in Music Therapy</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
				CR, PR								
		COURSE DESC:		Introduction to graduate research in music therapy.								
FAR	MUS	<b>MUS</b>	<b>5840</b>	<b>Clinical Practice in Music Therapy</b>	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	<b>MUS</b>	<b>5850</b>	<b>Seminar in Music Therapy</b>	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.								

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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	<b>MUS</b>	<b>5860</b>	<b>Graduate Seminar: Teaching Music in Higher Education</b>	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	<b>MUS</b>	<b>5900</b>	<b>Special Topics in Music Therapy</b>	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	<b>MUS</b>	<b>5901</b>	<b>Special Topics in Tonal Analysis</b>	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	<b>MUS</b>	<b>5902</b>	<b>Special Topics in Post-Tonal Analysis</b>	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	<b>MUS</b>	<b>5903</b>	<b>Special Topics in Music Theory</b>	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	<b>MUS</b>	<b>5920</b>	<b>Advanced Music Therapy Practicum</b>	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	<b>MUS</b>	<b>5921</b>	<b>Practicum in Music</b>	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	<b>MUS</b>	<b>6100</b>	<b>Seminar in Music Theory</b>	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	<b>MUS</b>	<b>6101</b>	<b>Theory for Music Education</b>	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	<b>MUS</b>	<b>6200</b>	<b>Seminar in Theory, Music History and Literature</b>	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	<b>MUS</b>	<b>6300</b>	<b>Topics in World Music Performance</b>	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	<b>MUS</b>	<b>6310</b>	<b>Music Genres and Styles to 1520</b>	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.								

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FAR	MUS	<b>MUS</b>	<b>6320</b>	<b>Renaissance and Baroque Music</b>	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	<b>MUS</b>	<b>6330</b>	<b>Classic and Romantic Music to 1880</b>	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	<b>MUS</b>	<b>6340</b>	<b>Post-Romantic and Contemporary Music</b>	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	<b>MUS</b>	<b>6370</b>	<b>Analysis of Music Notation</b>	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	<b>MUS</b>	<b>6400X</b>	<b>Current Issues in Musicology and Ethnomusicology</b>	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	<b>MUS</b>	<b>6410X</b>	<b>Classical Music in Asia</b>	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	<b>MUS</b>	<b>6700</b>	<b>Contemporary Trends in Music Education</b>	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	<b>MUS</b>	<b>6710</b>	<b>Advanced Topics in Music Education I</b>	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	<b>MUS</b>	<b>6720</b>	<b>Advanced Topics in Music Education II</b>	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	<b>MUS</b>	<b>6750</b>	<b>Introduction to Graduate Studies in Music Education</b>	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	<b>MUS</b>	<b>6770</b>	<b>Organization and Administration of School Music</b>	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	<b>MUS</b>	<b>6771</b>	<b>Organization and Administration of School Music Programs</b>	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.								

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FAR	MUS	<b>MUS</b>	<b>6900</b>	<b>Special Topics in Music</b>	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	<b>MUS</b>	<b>6930</b>	<b>Independent Study</b>	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	<b>MUS</b>	<b>6931</b>	<b>Professional/Clinical Project in Music Education</b>	Ind Study	2 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Original, professional, or clinical demonstration project resulting in a written paper suitable for presentation or publication at a professional meeting or in a professional journal.								
FAR	MUS	<b>MUS</b>	<b>6950</b>	<b>Thesis</b>	Thesis	1 to 10	10		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Large research or creative project in music history, music theory, composition, music education, or music therapy. Culminating project for the Master of Music degree in these fields.								
FAR	MUS	<b>MUS</b>	<b>6970</b>	<b>Recital</b>	Tutorial	1 to 2	999		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		Full-length public recital. A recording of the degree recital will be filed in the Music/Dance library.								

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FAR	THAR	<b>T3</b>	<b>4630</b>	<b>Women Speaking: Then and Now</b>	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	<b>T3</b>	<b>4631</b>	<b>Play and Place</b>	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	<b>THAR</b>	<b>1090</b>	<b>Lunchbag Theater Seminar Series</b>	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	<b>THAR</b>	<b>1110</b>	<b>Fundamentals of Performance I</b>	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	<b>THAR</b>	<b>1111</b>	<b>Fundamentals of Performance II</b>	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	<b>THAR</b>	<b>1130</b>	<b>Acting Fundamentals I</b>	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	<b>THAR</b>	<b>1130</b>	<b>Acting Fundamentals I</b>	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	<b>THAR</b>	<b>1390</b>	<b>Design Principles for the Stage</b>	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	<b>THAR</b>	<b>1390</b>	<b>Design Principles for the Stage</b>	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	<b>THAR</b>	<b>1391</b>	<b>Fundamentals of Scenery, Props, Costumes and Costume Crafts</b>	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	<b>THAR</b>	<b>1391</b>	<b>Fundamentals of Scenery, Props, Costumes and Costume Crafts</b>	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	<b>THAR</b>	<b>1392</b>	<b>Fundamentals of Lighting/Sound and Stage Management</b>	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	<b>THAR</b>	<b>1392</b>	<b>Fundamentals of Lighting/Sound and Stage Management</b>	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	<b>THAR</b>	<b>1393</b>	<b>Fundamentals of Costume and Scenic Design Principles and Technology Practices</b>	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								

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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	<b>THAR</b>	<b>1393</b>	<b>Fundamentals of Costume and Scenic Design Principles and Technology Practices</b>	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	<b>THAR</b>	<b>1393</b>	<b>Fundamentals of Costume and Scenic Design Principles and Technology Practices</b>	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	<b>THAR</b>	<b>1394</b>	<b>Fundamentals of Lighting and Sound Design Principles and Stage Management</b>	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	<b>THAR</b>	<b>1394</b>	<b>Fundamentals of Lighting and Sound Design Principles and Stage Management</b>	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	<b>THAR</b>	<b>1394</b>	<b>Fundamentals of Lighting and Sound Design Principles and Stage Management</b>	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	<b>THAR</b>	<b>1710</b>	<b>The Theatrical Experience</b>	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	<b>THAR</b>	<b>1720</b>	<b>Elements of Performance</b>	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	<b>THAR</b>	<b>1730</b>	<b>Fundamentals of Play Analysis and Playwriting</b>	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	<b>THAR</b>	<b>1730</b>	<b>Fundamentals of Play Analysis and Playwriting</b>	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	<b>THAR</b>	<b>1800</b>	<b>Theater Experience</b>	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	<b>THAR</b>	<b>1810</b>	<b>Music Skills for Musical Theater I</b>	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	<b>THAR</b>	<b>1820</b>	<b>Music Skills for Musical Theater II</b>	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	<b>THAR</b>	<b>2100</b>	<b>Practicum in Acting</b>	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	<b>THAR</b>	<b>2110</b>	<b>Acting I</b>	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.								

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FAR	THAR	<b>THAR</b>	<b>2111</b>	<b>Acting II</b> 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	<b>THAR</b>	<b>2120</b>	<b>Mindfulness and Creativity</b> 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	<b>THAR</b>	<b>2130</b>	<b>Acting Fundamentals II</b> 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	<b>THAR</b>	<b>2130</b>	<b>Acting Fundamentals II</b> 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	<b>THAR</b>	<b>2140C</b>	<b>Theater in Education</b> 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	<b>THAR</b>	<b>2150</b>	<b>Performing Patient Care: Immersive Healthcare Theater</b> 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	<b>THAR</b>	<b>2150</b>	<b>Performing Patient Care: Immersive Healthcare Theater</b> 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	<b>THAR</b>	<b>2160</b>	<b>Movement for Actors I</b> 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	<b>THAR</b>	<b>2161</b>	<b>Movement for Actors II</b> 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	<b>THAR</b>	<b>2170</b>	<b>Voice and Speech for the Actor I</b> 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	<b>THAR</b>	<b>2171</b>	<b>Voice and Speech for the Actor II</b> 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

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FAR	THAR	<b>THAR</b>	<b>2180</b>	<b>Voice and Speech Training</b>	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	<b>THAR</b>	<b>2180</b>	<b>Voice and Speech Training</b>	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	<b>THAR</b>	<b>2300</b>	<b>Practicum in Production Design</b>	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	<b>THAR</b>	<b>2350</b>	<b>Stagecraft: Scenery</b>	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	<b>THAR</b>	<b>2360</b>	<b>Stagecraft: Costume Construction</b>	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	<b>THAR</b>	<b>2360</b>	<b>Stagecraft: Costume Construction</b>	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	<b>THAR</b>	<b>2387</b>	<b>Stage Makeup and Character Design</b>	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	<b>THAR</b>	<b>2390</b>	<b>Theatrical Design Skills: The Text and Concept</b>	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	<b>THAR</b>	<b>2390</b>	<b>Theatrical Design Skills: The Text and Concept</b>	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	<b>THAR</b>	<b>2510</b>	<b>Introduction to Playwriting</b>	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	<b>THAR</b>	<b>2600</b>	<b>Practicum in Production Stage Management</b>	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	<b>THAR</b>	<b>2710</b>	<b>Theater and Performance History I</b>	Discussion	3	0	2FA; 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	<b>THAR</b>	<b>2710</b>	<b>Theater and Performance History I</b>	Lecture	3	0	2FA; 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	<b>THAR</b>	<b>2711</b>	<b>Theater and Performance History II</b>	Discussion	3	0	2FA; 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.								



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FAR	THAR	<b>THAR</b>	<b>2711</b>	<b>Theater and Performance History II</b>	Lecture	3	0	2FA; 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	<b>THAR</b>	<b>2810</b>	<b>History and Literature of Musical Theater</b>	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	<b>THAR</b>	<b>2870</b>	<b>Voice and Movement for Musical Theater I</b>	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	<b>THAR</b>	<b>2871</b>	<b>Voice and Movement for Musical Theater II</b>	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	<b>THAR</b>	<b>2900</b>	<b>Special Topics in Theater Arts</b>	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	<b>THAR</b>	<b>2970T</b>	<b>Theater Tutorial</b>	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	<b>THAR</b>	<b>2980T</b>	<b>Theater Tutorial</b>	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	<b>THAR</b>	<b>3100</b>	<b>Practicum in Acting</b>	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	<b>THAR</b>	<b>3110</b>	<b>Acting III</b>	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	<b>THAR</b>	<b>3111</b>	<b>Acting IV</b>	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	<b>THAR</b>	<b>3130</b>	<b>Scene Study</b>	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	<b>THAR</b>	<b>3130</b>	<b>Scene Study</b>	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	<b>THAR</b>	<b>3160</b>	<b>Physical Theater I</b>	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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FAR	THAR	<b>THAR</b>	<b>3161</b>	<b>Physical Theater II</b>	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	<b>THAR</b>	<b>3162</b>	<b>Stage Combat</b>	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	<b>THAR</b>	<b>3170</b>	<b>Voice and Speech for the Actor III</b>	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	<b>THAR</b>	<b>3171</b>	<b>Voice and Speech for the Actor IV</b>	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	<b>THAR</b>	<b>3210</b>	<b>Beginning Directing</b>	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	<b>THAR</b>	<b>3210</b>	<b>Beginning Directing</b>	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	<b>THAR</b>	<b>3300</b>	<b>Practicum in Production Design</b>	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	<b>THAR</b>	<b>3310</b>	<b>Lighting Design I</b>	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	<b>THAR</b>	<b>3319</b>	<b>Stage Electrics</b>	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	<b>THAR</b>	<b>3330</b>	<b>Scene Painting</b>	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	<b>THAR</b>	<b>3361</b>	<b>Costume Technology I: Pattern Development and Construction</b>	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	<b>THAR</b>	<b>3380</b>	<b>Introduction to Props and Crafts Techniques</b>	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	<b>THAR</b>	<b>3380</b>	<b>Introduction to Props and Crafts Techniques</b>	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	<b>THAR</b>	<b>3390</b>	<b>Design Skills - Figure Drawing and Costume Illustration Techniques</b>	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	<b>THAR</b>	<b>3391</b>	<b>Theatrical Design Skills: The Space</b>	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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FAR	THAR	<b>THAR</b>	<b>3392</b>	<b>Drafting for the Theater</b>	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	<b>THAR</b>	<b>3393</b>	<b>Vectorworks for the Theater</b>	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	<b>THAR</b>	<b>3395</b>	<b>Digital Portfolio and Performance Photography</b>	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	<b>THAR</b>	<b>3395</b>	<b>Digital Portfolio and Performance Photography</b>	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	<b>THAR</b>	<b>3396</b>	<b>Design History I: Period Styles</b>	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	<b>THAR</b>	<b>3397</b>	<b>Design History II: Costume Survey</b>	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	<b>THAR</b>	<b>3398</b>	<b>Design History III: 20th- Century Clothing and Culture</b>	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	<b>THAR</b>	<b>3399</b>	<b>Scenography: Exploring the Creative Vision</b>	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	<b>THAR</b>	<b>3400</b>	<b>Off-Campus Practicum</b>	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	<b>THAR</b>	<b>3510</b>	<b>Playwriting Revision Technique</b>	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	<b>THAR</b>	<b>3511</b>	<b>Playwriting Style and Voice</b>	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	<b>THAR</b>	<b>3600</b>	<b>Practicum in Production Stage Management</b>	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	<b>THAR</b>	<b>3605</b>	<b>Stage Management 1: Fundamentals of Stage Management</b>	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.								

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FAR	THAR	<b>THAR</b>	<b>3608</b>	<b>Advanced Stage Management</b>	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	<b>THAR</b>	<b>3610</b>	<b>Stage Management Seminar</b>	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	<b>THAR</b>	<b>3920</b>	<b>Tantrum Theater Practicum</b>	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	<b>THAR</b>	<b>3970T</b>	<b>Theater Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Junior-level tutorial course for students in the Honors Tutorial College.								
FAR	THAR	<b>THAR</b>	<b>3980T</b>	<b>Theater Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HTC						
		COURSE DESC:		CR, PR Junior-level tutorial course for students in the Honors Tutorial College.								
FAR	THAR	<b>THAR</b>	<b>4100</b>	<b>Practicum in Acting</b>	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	<b>THAR</b>	<b>4110</b>	<b>Acting Studio I</b>	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	<b>THAR</b>	<b>4111</b>	<b>Acting Studio II</b>	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	<b>THAR</b>	<b>4120</b>	<b>Acting for Film, Television and New Media</b>	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.								
FAR	THAR	<b>THAR</b>	<b>4130</b>	<b>Advanced Acting</b>	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	<b>THAR</b>	<b>4130</b>	<b>Advanced Acting</b>	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	<b>THAR</b>	<b>4200</b>	<b>Practicum-Directing</b>	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.)								

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FAR	THAR	<b>THAR</b>	<b>4210</b>	<b>Intermediate Directing</b>	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	<b>THAR</b>	<b>4210</b>	<b>Intermediate Directing</b>	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	<b>THAR</b>	<b>4300</b>	<b>Practicum in Production Design</b>	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	<b>THAR</b>	<b>4301</b>	<b>Scenography Seminar</b>	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	<b>THAR</b>	<b>4301</b>	<b>Scenography Seminar</b>	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	<b>THAR</b>	<b>4311</b>	<b>Lighting Design II</b>	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	<b>THAR</b>	<b>4312</b>	<b>Lighting Design: Cueing</b>	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	<b>THAR</b>	<b>4313</b>	<b>Lighting Topics: Automated</b>	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	<b>THAR</b>	<b>4320</b>	<b>Costume Design</b>	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	<b>THAR</b>	<b>4340</b>	<b>Scene Design</b>	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	<b>THAR</b>	<b>4350</b>	<b>Technical Direction</b>	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.								
FAR	THAR	<b>THAR</b>	<b>4351</b>	<b>Stage Rigging</b>	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	<b>THAR</b>	<b>4352</b>	<b>Welding for the Theater</b>	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	<b>THAR</b>	<b>4353</b>	<b>Studies in Stage Automation Systems</b>	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.								

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FAR	THAR	<b>THAR</b>	<b>4362</b>	<b>Costume Technology II: Advanced Pattern Development and Construction</b>	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	<b>THAR</b>	<b>4363</b>	<b>Costume Technology III: Theatrical Tailoring</b>	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	<b>THAR</b>	<b>4364</b>	<b>Costume Technology IV: Specialized Silhouettes and Construction</b>	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	<b>THAR</b>	<b>4365</b>	<b>Costume Technology V: Rendering Interpretation</b>	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	<b>THAR</b>	<b>4370</b>	<b>Theatrical Sound Design</b>	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	<b>THAR</b>	<b>4371</b>	<b>Theatrical Sound Production</b>	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	<b>THAR</b>	<b>4371</b>	<b>Theatrical Sound Production</b>	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	<b>THAR</b>	<b>4381</b>	<b>Advanced Crafts Techniques</b>	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	<b>THAR</b>	<b>4382</b>	<b>Advanced Properties Construction and Organization for the Stage</b>	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	<b>THAR</b>	<b>4383</b>	<b>Advanced Props Techniques: Furniture Construction</b>	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	<b>THAR</b>	<b>4384</b>	<b>Advanced Props Techniques: Steel Work</b>	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.								
FAR	THAR	<b>THAR</b>	<b>4390</b>	<b>Creating the Realized Design/Main Stage Process</b>	Tutorial	1 to 3	12		I	U30		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required								
		COURSE DESC:		PR A detailed experiential examination of the process of participating in the creation of designs for the main stage and major commercial theater venues including Broadway, off Broadway and regional theaters.								
FAR	THAR	<b>THAR</b>	<b>4399</b>	<b>Design and Production Business</b>	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	<b>THAR</b>	<b>4510</b>	<b>Advanced Playwriting</b>	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	<b>THAR</b>	<b>4520</b>	<b>Playwriting Senior Project</b>	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).								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>THAR</b>	<b>4600</b>	<b>Practicum in Stage Management: Senior Project</b>	Laboratory	1 to 6	18	BLD	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	<b>THAR</b>	<b>4700</b>	<b>Practicum in Dramaturgy</b>	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	<b>THAR</b>	<b>4710</b>	<b>Seminar in Theater History and Drama: Selected Topics</b>	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	<b>THAR</b>	<b>4720</b>	<b>Forms of Drama</b>	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	<b>THAR</b>	<b>4730</b>	<b>American Theater and Drama</b>	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	<b>THAR</b>	<b>4900</b>	<b>Special Topics in Theater Arts</b>	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	<b>THAR</b>	<b>4910</b>	<b>Professional Theater Internship</b>	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	<b>THAR</b>	<b>4970T</b>	<b>Theater Tutorial</b>	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.								
FAR	THAR	<b>THAR</b>	<b>4980T</b>	<b>Theater Tutorial</b>	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	<b>THAR</b>	<b>4991</b>	<b>Independent Studies in Acting</b>	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	<b>THAR</b>	<b>4992</b>	<b>Independent Studies in Directing</b>	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	<b>THAR</b>	<b>4993</b>	<b>Independent Studies in Production Design and Technology</b>	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	<b>THAR</b>	<b>5010</b>	<b>Introduction to Graduate Study</b>	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	<b>THAR</b>	<b>5100</b>	<b>Practicum in Acting</b>	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.								

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FAR	THAR	<b>THAR</b>	<b>5110</b>	<b>Acting I: Foundation</b>	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	<b>THAR</b>	<b>5111</b>	<b>Acting II: Foundation</b>	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	<b>THAR</b>	<b>5140</b>	<b>Theater in Education Methods Class</b>	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	<b>THAR</b>	<b>5140</b>	<b>Theater in Education Methods Class</b>	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	<b>THAR</b>	<b>5160</b>	<b>Movement for Actors I</b>	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.								
FAR	THAR	<b>THAR</b>	<b>5161</b>	<b>Movement for Actors II</b>	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	<b>THAR</b>	<b>5170</b>	<b>Voice and Speech for the Actor I</b>	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	<b>THAR</b>	<b>5171</b>	<b>Voice and Speech for the Actor II</b>	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	<b>THAR</b>	<b>5200</b>	<b>Practicum in Directing</b>	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	<b>THAR</b>	<b>5210</b>	<b>Directing I</b>	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.								



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FAR	THAR	<b>THAR</b>	<b>5210</b>	<b>Directing I</b>	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	<b>THAR</b>	<b>5211</b>	<b>Directing II</b>	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	<b>THAR</b>	<b>5211</b>	<b>Directing II</b>	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	<b>THAR</b>	<b>5240</b>	<b>Director-Designer Communication</b>	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	<b>THAR</b>	<b>5300</b>	<b>Practicum in Design and/or Technical Production</b>	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.								
FAR	THAR	<b>THAR</b>	<b>5301</b>	<b>Scenography Seminar</b>	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) PR								
		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	<b>THAR</b>	<b>5301</b>	<b>Scenography Seminar</b>	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) PR								
		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	<b>THAR</b>	<b>5310</b>	<b>Lighting Design I</b>	Tutorial	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Light as an element of design.								
FAR	THAR	<b>THAR</b>	<b>5311</b>	<b>Lighting Design II</b>	Tutorial	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5301 or 5310 or THAR 531A or THAR 590C PR								
		COURSE DESC:		Advanced problems and projects in lighting design emphasizing style, conceptualization, and collaboration.								
FAR	THAR	<b>THAR</b>	<b>5312</b>	<b>Lighting Design: Cueing</b>	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	<b>THAR</b>	<b>5313</b>	<b>Lighting Topics: Automated</b>	Tutorial	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5310 or 5319 PR								
		COURSE DESC:		A specialized study of skills utilized in automated theatrical lighting design.								

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FAR	THAR	<b>THAR</b>	<b>5319</b>	<b>Stage Electrics</b>	Tutorial	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR								
				Procedures and practice in theatrical stage electrics; practical experience.								
FAR	THAR	<b>THAR</b>	<b>5320</b>	<b>Costume Design</b>	Tutorial	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR								
				Problems and projects in theatrical costume design focused on the delineation of character and story; the relationship of script analysis, research and conceptualization; and preparation for professional design collaborations.								
FAR	THAR	<b>THAR</b>	<b>5321</b>	<b>Film Design: Costume Design and Art Direction</b>	Laboratory	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5320 or 5340 or Film Major								
		COURSE DESC:		PR								
				An exploration of film costume design and art direction from the preparation of a film through the shooting process.								
FAR	THAR	<b>THAR</b>	<b>5321</b>	<b>Film Design: Costume Design and Art Direction</b>	Tutorial	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5320 or 5340 or Film Major								
		COURSE DESC:		PR								
				An exploration of film costume design and art direction from the preparation of a film through the shooting process.								
FAR	THAR	<b>THAR</b>	<b>5330</b>	<b>Scene Painting</b>	Laboratory	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR								
				Introduction to painting techniques, materials, and color problems for the stage.								
FAR	THAR	<b>THAR</b>	<b>5340</b>	<b>Scene Design</b>	Tutorial	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR								
				Scene design theory and practices.								
FAR	THAR	<b>THAR</b>	<b>5350</b>	<b>Technical Direction</b>	Tutorial	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR								
				Role and responsibilities of technical director applied to design problems.								
FAR	THAR	<b>THAR</b>	<b>5351</b>	<b>Stage Rigging</b>	Tutorial	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5350								
		COURSE DESC:		PR								
				Focuses on safe and acceptable standards for stage rigging practices within the entertainment industry. Covers load calculation methods, properties of rigging equipment and performance/safety rating methods, risk management, and rigging system inspection criteria.								
FAR	THAR	<b>THAR</b>	<b>5352</b>	<b>Welding for the Theater</b>	Tutorial	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required								
		COURSE DESC:		PR								
				An introduction to the materials and techniques of welding and metal fabrication for the scenic technician.								
FAR	THAR	<b>THAR</b>	<b>5353</b>	<b>Studies in Stage Automation Systems</b>	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	<b>THAR</b>	<b>5360</b>	<b>Costume Construction Techniques for the Stage</b>	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	<b>THAR</b>	<b>5361</b>	<b>Costume Technology I: Pattern Development and Construction</b>	Tutorial	3	6		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required								
		COURSE DESC:		PR								
				Introduction to pattern draping and drafting using modern and historical methods. Advanced sewing ability is 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
FAR	THAR	<b>THAR</b>	<b>5362</b>	<b>Costume Technology II: Advanced Pattern Development and Construction</b>	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	<b>THAR</b>	<b>5363</b>	<b>Costume Technology III: Theatrical Tailoring</b>	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	<b>THAR</b>	<b>5364</b>	<b>Costume Technology IV: Specialized Silhouettes and Construction</b>	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	<b>THAR</b>	<b>5365</b>	<b>Costume Technology V: Rendering Interpretation</b>	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	<b>THAR</b>	<b>5370</b>	<b>Theatrical Sound Design</b>	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	<b>THAR</b>	<b>5371</b>	<b>Theatrical Sound Production</b>	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	<b>THAR</b>	<b>5371</b>	<b>Theatrical Sound Production</b>	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.								
FAR	THAR	<b>THAR</b>	<b>5372</b>	<b>Sound and Lighting Shop Management</b>	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	<b>THAR</b>	<b>5380</b>	<b>Props and Crafts Techniques</b>	Laboratory	1 to 3	9		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		An introduction to costume craft and prop techniques. Areas may include millinery, metalworking, maskmaking, fabric dyeing and painting, soft and hard sculptural techniques, and painting and decorative techniques.								
FAR	THAR	<b>THAR</b>	<b>5380</b>	<b>Props and Crafts Techniques</b>	Lecture	1 to 3	9		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		An introduction to costume craft and prop techniques. Areas may include millinery, metalworking, maskmaking, fabric dyeing and painting, soft and hard sculptural techniques, and painting and decorative techniques.								
FAR	THAR	<b>THAR</b>	<b>5381</b>	<b>Advanced Crafts Techniques</b>	Tutorial	3	12		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR								
		COURSE DESC:		A specialized study of skills, formulas, and techniques used in solving costume crafts and technology problems.								
FAR	THAR	<b>THAR</b>	<b>5382</b>	<b>Advanced Properties Construction and Organization for the Stage</b>	Tutorial	3	12		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required PR								
		COURSE DESC:		Introduction and application of organizational skills and specialized properties techniques to theatrical design problems.								

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FAR	THAR	<b>THAR</b>	<b>5383</b>	<b>Advanced Props Techniques: Furniture Construction</b>	Tutorial	3	6		I	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Permission required PR								
				COURSE DESC: Advanced studies in furniture construction for the props artisan covering woodworking, upholstery, carving, finishing, and furniture repair.								
FAR	THAR	<b>THAR</b>	<b>5384</b>	<b>Advanced Props Techniques: Steel Work</b>	Tutorial	3	6		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Permission required PR								
				COURSE DESC: Advanced studies in metalworking for the props artisan covering armor research and construction techniques and stage weapon research and construction techniques.								
FAR	THAR	<b>THAR</b>	<b>5387</b>	<b>Stage Makeup and Character Design</b>	Studio	1 to 3	6		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PR								
				COURSE DESC: Theory and practice of stage makeup and character design.								
FAR	THAR	<b>THAR</b>	<b>5390</b>	<b>Design Skills - Figure Drawing and Costume Illustration Techniques</b>	Tutorial	3	6		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PR								
				COURSE DESC: Focuses on figure drawing, collage, and illustration techniques that can be used to express character and costume using dry and wet media, and digital techniques.								
FAR	THAR	<b>THAR</b>	<b>5391</b>	<b>Theatrical Design Skills - The Space</b>	Tutorial	3	6		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PR								
				COURSE DESC: Application of principles of design for the theatrical space, with emphasis on drawing, model-making, conceptualization, and script analysis.								
FAR	THAR	<b>THAR</b>	<b>5392</b>	<b>Drafting for the Theater</b>	Tutorial	3	6		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PR								
				COURSE DESC: Fundamental and advanced problems of drafting for the stage. Digital and hand drafting methods will be utilized to create ground plans, sections, front elevations, rear elevations, and details.								
FAR	THAR	<b>THAR</b>	<b>5393</b>	<b>Vectorworks for the Theater</b>	Tutorial	3	12		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PR								
				COURSE DESC: A specialized study of computer aided design skills utilized for theatrical design.								
FAR	THAR	<b>THAR</b>	<b>5395</b>	<b>Digital Portfolio and Performance Photography</b>	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	<b>THAR</b>	<b>5395</b>	<b>Digital Portfolio and Performance Photography</b>	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	<b>THAR</b>	<b>5396</b>	<b>Design History I: Period Styles</b>	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	<b>THAR</b>	<b>5397</b>	<b>Design History II: Costume Survey</b>	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	<b>THAR</b>	<b>5398</b>	<b>Design History III: 20th- Century Clothing and Culture</b>	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.								

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FAR	THAR	<b>THAR</b>	<b>5399</b>	<b>Design and Production Business</b>	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	<b>THAR</b>	<b>5400</b>	<b>Off-Campus Practicum</b>	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	<b>THAR</b>	<b>5410</b>	<b>Introduction to Theater Management</b>	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	<b>THAR</b>	<b>5510</b>	<b>Dramatic Writing Seminar I</b>	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	<b>THAR</b>	<b>5511</b>	<b>Seminar in Rewriting Techniques and the Ensemble Part I</b>	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5510 and Playwriting MFA student								
		COURSE DESC:		PR 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	<b>THAR</b>	<b>5520</b>	<b>Writing for Production I</b>	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: MFA playwriting major								
		COURSE DESC:		PR Focuses upon the weekly writing, casting, staging, and production of a series of short plays based upon an assigned theme. The first course in this series is designed to give the students the basic skills needed to produce production ready work, with actors, on stage, before an audience on a weekly basis.								
FAR	THAR	<b>THAR</b>	<b>5521</b>	<b>Writing for Production II</b>	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	<b>THAR</b>	<b>5530</b>	<b>First Year Playwrights Workshop</b>	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	<b>THAR</b>	<b>5531</b>	<b>First Year Playwrights Workshop II</b>	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	<b>THAR</b>	<b>5600</b>	<b>Practicum in Production Stage Management</b>	Laboratory	1 to 6	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 5610 or concurrent CR, PR								
		COURSE DESC:		Practical experience in production stage management.								
FAR	THAR	<b>THAR</b>	<b>5610</b>	<b>Stage Management Seminar</b>	Seminar	1 to 3	18		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Seminar course topics may include techniques and methods of professional stage management for theater, dance, opera, or industrials; contracts, unions, time management, internships, personnel management, resumes, or cover letters.								
FAR	THAR	<b>THAR</b>	<b>5700</b>	<b>Practicum in Dramaturgy</b>	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.								

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FAR	THAR	<b>THAR</b>	<b>5710</b>	<b>Seminar: Topics in Theater History</b>	Seminar	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		An in-depth examination of a selected area of theater history and drama.								
FAR	THAR	<b>THAR</b>	<b>5720</b>	<b>Theater Scholarship</b>	Seminar	1 to 3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
				CR, PR								
		COURSE DESC:		Students will develop their skills and methods as scholars by reading and discussing examples of theater scholarship and workshopping their own scholarly works in-progress. Students may develop critical reviews, conference presentations, and/or journal articles. May also include an examination of scholarly organizations, journals, and conferences.								
FAR	THAR	<b>THAR</b>	<b>5730</b>	<b>Dramatic Criticism I</b>	Lecture	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
				CR, PR								
		COURSE DESC:		Principles of dramatic criticism from Aristotle to modern theater.								
FAR	THAR	<b>THAR</b>	<b>5731</b>	<b>Dramatic Criticism II</b>	Lecture	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
				CR, PR								
		COURSE DESC:		Modern dramatic criticism from time of Ibsen to present.								
FAR	THAR	<b>THAR</b>	<b>5740</b>	<b>Theater Research and Scholarship</b>	Seminar	1 to 4	9		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
				CR, PR								
		COURSE DESC:		Students will develop research methods and skills through the pursuit of an original research project. This research will then serve as the basis for developing a piece of scholarship, such as a critical review, conference presentation, journal article, or graduate thesis. In addition to serving as a workshop for students' scholarly works-in-progress, will also include an examination of scholarly organizations, journals, and conferences.								
FAR	THAR	<b>THAR</b>	<b>5900</b>	<b>Special Topics in Theater Arts</b>	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	<b>THAR</b>	<b>5920</b>	<b>Tantrum Theater Practicum</b>	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	<b>THAR</b>	<b>5993</b>	<b>Independent Studies in Design and/or Technical Theater</b>	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	<b>THAR</b>	<b>6099</b>	<b>Directed Instruction</b>	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	<b>THAR</b>	<b>6100</b>	<b>Practicum in Acting</b>	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	<b>THAR</b>	<b>6110</b>	<b>Acting III: Application and Character</b>	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	<b>THAR</b>	<b>6111</b>	<b>Acting IV: Character and Heightened Language</b>	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.								

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FAR	THAR	<b>THAR</b>	<b>6160</b>	<b>Physical Theater I</b>	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	<b>THAR</b>	<b>6161</b>	<b>Physical Theater II</b>	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	<b>THAR</b>	<b>6162</b>	<b>Stage Combat</b>	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	<b>THAR</b>	<b>6170</b>	<b>Voice and Speech for the Actor III</b>	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	<b>THAR</b>	<b>6171</b>	<b>Voice and Speech for the Actor IV</b>	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.								
FAR	THAR	<b>THAR</b>	<b>6200</b>	<b>Practicum in Directing</b>	Laboratory	1 to 6	18		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Directing practicum credits reflect work done on School of Theater productions, lab shows, realism projects, style projects, and playwrights festival productions. The directing mentor makes weekly visits to rehearsals for these projects, assessing rehearsal strategies and overall progress of the production.								
FAR	THAR	<b>THAR</b>	<b>6210</b>	<b>Period Style and the Director I</b>	Laboratory	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 5211 CR, PR								
		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	<b>THAR</b>	<b>6210</b>	<b>Period Style and the Director I</b>	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 5211 CR, PR								
		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	<b>THAR</b>	<b>6211</b>	<b>Period Style and the Director II: Shakespeare</b>	Laboratory	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 6210 CR, PR								
		COURSE DESC:		The second semester of Period Style and the Director shifts focus to the poetry and plays of William Shakespeare and how directors adapt their preproduction and rehearsal work to his world. To that end, class work will revolve around careful examination of the Sonnets (both as poetry and as a method of storytelling) and in-class analysis and rehearsal of scenes from Shakespeare's dramatic works.								
FAR	THAR	<b>THAR</b>	<b>6211</b>	<b>Period Style and the Director II: Shakespeare</b>	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 6210 CR, PR								
		COURSE DESC:		The second semester of Period Style and the Director shifts focus to the poetry and plays of William Shakespeare and how directors adapt their preproduction and rehearsal work to his world. To that end, class work will revolve around careful examination of the Sonnets (both as poetry and as a method of storytelling) and in-class analysis and rehearsal of scenes from Shakespeare's dramatic works.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>THAR</b>	<b>6300</b>	<b>Practicum in Design and/or Technical Production</b>	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	<b>THAR</b>	<b>6320</b>	<b>Advanced Costume Design Techniques</b>	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	<b>THAR</b>	<b>6340</b>	<b>Advanced Scenic Design Techniques</b>	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	<b>THAR</b>	<b>6350</b>	<b>Advanced Technical Direction</b>	Tutorial	3	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5350 PR								
		COURSE DESC:		Advanced problems and projects in technical direction emphasizing problem solving, research and development, management, and collaboration.								
FAR	THAR	<b>THAR</b>	<b>6390</b>	<b>Creating the Realized Design/Main Stage Process</b>	Studio	1 to 6	18		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		A detailed experiential examination of the process of participating in the creation of designs for the main stage and major commercial theater venues including Broadway, off Broadway, and regional theaters.								
FAR	THAR	<b>THAR</b>	<b>6510</b>	<b>Seminar in Contemporary Playwrights</b>	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	<b>THAR</b>	<b>6511</b>	<b>Seminar in Rewriting Techniques and the Ensemble Part II</b>	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	<b>THAR</b>	<b>6520</b>	<b>Writing for Production III</b>	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	<b>THAR</b>	<b>6521</b>	<b>Writing for Production IV</b>	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	<b>THAR</b>	<b>6530</b>	<b>Second Year Playwrights Workshop</b>	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	<b>THAR</b>	<b>6531</b>	<b>Second Year Playwrights Workshop</b>	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.								



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FAR	THAR	<b>THAR</b>	<b>6900</b>	<b>Special Topics in Theater Arts</b>	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	<b>THAR</b>	<b>6940</b>	<b>Thesis: Research</b>	Research	1 to 15	30		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Graduate theater major								
		COURSE DESC:		Supervised research and preparation for a thesis production, performance, portfolio, written thesis, or written play.								
FAR	THAR	<b>THAR</b>	<b>6950</b>	<b>Theater Written Thesis</b>	Thesis	1 to 15	30		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		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	<b>THAR</b>	<b>6960</b>	<b>Theater Project/Portfolio Thesis</b>	Tutorial	1 to 15	30		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		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	<b>THAR</b>	<b>7100</b>	<b>Practicum in Acting</b>	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	<b>THAR</b>	<b>7110</b>	<b>Acting V: Style</b>	Studio	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 6111								
		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	<b>THAR</b>	<b>7111</b>	<b>Acting VI: Bridging to the Business</b>	Studio	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 7110								
		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	<b>THAR</b>	<b>7160</b>	<b>Voice and Movement</b>	Studio	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 6161								
		COURSE DESC:		Full integration of voice and movement skills in the ensemble process and performance of heightened text.								
FAR	THAR	<b>THAR</b>	<b>7170</b>	<b>Voice and Speech for the Actor V</b>	Studio	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: THAR 6171								
		COURSE DESC:		Voice and Speech Specialties, to include the introduction of dialects, dialect transcription and the study of voice-overs.								
FAR	THAR	<b>THAR</b>	<b>7210</b>	<b>Directing Symposium-Orson Welles on Shakespeare</b>	Laboratory	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 6211								
		COURSE DESC:		PR 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	<b>THAR</b>	<b>7210</b>	<b>Directing Symposium-Orson Welles on Shakespeare</b>	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 6211								
		COURSE DESC:		PR 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.								

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FAR	THAR	<b>THAR</b>	<b>7211</b>	<b>Directing Symposium-Great Directors and Their Work</b>	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	<b>THAR</b>	<b>7211</b>	<b>Directing Symposium-Great Directors and Their Work</b>	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	<b>THAR</b>	<b>7300</b>	<b>Practicum in Design and/or Technical Production</b>	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	<b>THAR</b>	<b>7310</b>	<b>Seminar: Lighting</b>	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.								
FAR	THAR	<b>THAR</b>	<b>7320</b>	<b>Seminar: Costume Design</b>	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.								
FAR	THAR	<b>THAR</b>	<b>7340</b>	<b>Seminar: Scenic Design</b>	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.								
FAR	THAR	<b>THAR</b>	<b>7350</b>	<b>Seminar: Technical Direction</b>	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 productions.								
FAR	THAR	<b>THAR</b>	<b>7360</b>	<b>Seminar: Costume Technology</b>	Tutorial	1 to 9	18		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5362 PR								
		COURSE DESC:		Tutorial development of advanced portfolio projects and preparation of productions.								
FAR	THAR	<b>THAR</b>	<b>7370</b>	<b>Seminar: Sound</b>	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 productions.								
FAR	THAR	<b>THAR</b>	<b>7380</b>	<b>Seminar: Crafts/Props</b>	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 productions.								
FAR	THAR	<b>THAR</b>	<b>7390</b>	<b>Seminar in Production Design and Technology</b>	Tutorial	1 to 9	18		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: 2nd or 3rd year PD&T major PR								
		COURSE DESC:		Preparation, planning, and presentation of a portfolio or portfolio projects in theatrical design and/or technical production.								

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FAR	THAR	<b>THAR</b>	<b>7510</b>	<b>Seminar in Research and Business Practices for Playwrights</b>	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 6511 PR								
		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	<b>THAR</b>	<b>7511</b>	<b>Seminar in Rewriting Techniques and the Ensemble Part III</b>	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 7510 PR								
		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	<b>THAR</b>	<b>7520</b>	<b>Writing for Production V</b>	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 5520 or THAR 650 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 fifth course in the series is designed to introduce students to the skills necessary to serve as producer.								
FAR	THAR	<b>THAR</b>	<b>7521</b>	<b>Writing for Production VI</b>	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 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	<b>THAR</b>	<b>7530</b>	<b>Third Year Playwrights Workshop</b>	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAR 6530 or THAR 6531 or THAR 750 PR								
		COURSE DESC:		Development of the thesis play through the application and synthesis of advanced theories of Dramatic Structure.								
FAR	THAR	<b>THAR</b>	<b>7531</b>	<b>Third Year Playwrights Workshop</b>	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	<b>THAR</b>	<b>7710</b>	<b>Greek Theater and Drama</b>	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	<b>THAR</b>	<b>7720</b>	<b>Roman and Medieval Theater</b>	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	<b>THAR</b>	<b>7730</b>	<b>Renaissance Theater and Drama</b>	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	<b>THAR</b>	<b>7740</b>	<b>Restoration and 18th-Century Theater</b>	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	<b>THAR</b>	<b>7750</b>	<b>Baroque Theater and Drama</b>	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	<b>THAR</b>	<b>7760</b>	<b>19th-Century Theater and Drama</b>	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.								

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FAR	THAR	<b>THAR</b>	<b>7770</b>	<b>Modern Theater and Drama</b>	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	<b>THAR</b>	<b>7901</b>	<b>Internship in Acting</b>	Tutorial	1 to 15	30		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		Supervised internship experience with a professional company.								
FAR	THAR	<b>THAR</b>	<b>7902</b>	<b>Internship in Directing</b>	Tutorial	1 to 15	30		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		Supervised internship experience with a professional company.								
FAR	THAR	<b>THAR</b>	<b>7903</b>	<b>Internship in Design or Production</b>	Tutorial	1 to 15	30		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: Permission required								
		COURSE DESC:		Supervised internship experience with a professional production company. May be repeated for additional experience. Internship forms required.								
FAR	THAR	<b>THAR</b>	<b>7905</b>	<b>Internship in Playwriting</b>	Tutorial	1 to 15	30		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: 30 graduate level credit hours complete								
		COURSE DESC:		Supervised work and observation experience at a professional theater, playwright service organization, or new play development center.								
FAR	THAR	<b>THAR</b>	<b>7991</b>	<b>Independent Studies in Acting</b>	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.								
FAR	THAR	<b>THAR</b>	<b>7992</b>	<b>Independent Studies in Directing</b>	Laboratory	1 to 4	12		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		Advanced study projects in aspects and issues of directing beyond normal course offerings.								
FAR	THAR	<b>THAR</b>	<b>7995</b>	<b>Independent Studies in Playwriting</b>	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	<b>THAR</b>	<b>7997</b>	<b>Independent Studies in History, Research, and Criticism</b>	Tutorial	1 to 6	18		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		Advanced study projects in aspects or problems of theatrical history, research or criticism beyond normal course offerings. Independent Study form required.								

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GRAD	GRAD	<b>GRAD</b>	<b>8930</b>	<b>Independent Graduate Study</b>	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	<b>GRAD</b>	<b>8940</b>	<b>Independent Graduate Research</b>	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	<b>IIP</b>	<b>6941</b>	<b>Professional Seminar 1</b>	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	<b>IIP</b>	<b>6942</b>	<b>Professional Seminar 2</b>	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	<b>TBS</b>	<b>5680</b>	<b>Foundations in Bioethics</b>	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	<b>TBS</b>	<b>5720</b>	<b>Tools for Translational Research</b>	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 trials 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	<b>TBS</b>	<b>6220</b>	<b>Translational Biomedical Sciences Career Development Seminar</b>	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	<b>TBS</b>	<b>6500</b>	<b>Capstone Experience in Translational Biomedical Science Competencies</b>	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 competencies 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	<b>TBS</b>	<b>6500</b>	<b>Capstone Experience in Translational Biomedical Science Competencies</b>	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 competencies 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	<b>TBS</b>	<b>6940</b>	<b>Independent Research in Translational Biomedical Sciences</b>	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	<b>TBS</b>	<b>7001</b>	<b>Data Analytics for Translational Biomedical Sciences</b>	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	<b>TBS</b>	<b>7001</b>	<b>Data Analytics for Translational Biomedical Sciences</b>	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	<b>TBS</b>	<b>7001</b>	<b>Data Analytics for Translational Biomedical Sciences</b>	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	<b>TBS</b>	<b>8950</b>	<b>Doctoral Research and Dissertation in Translational Biomedical Sciences</b>	Thesis	1 to 15	135		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: Satisfactory completion of the TBS core competency requirements and passing the qualifying examination								
				COURSE DESC: CR, PR Advanced specialized research in area of interest, culminating in a doctoral dissertation.								

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GVS	ES	<b>ES</b>	<b>2900</b>	<b>Special Topics in Environmental Studies</b>	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	<b>ES</b>	<b>2970T</b>	<b>Environmental Studies Tutorial</b>	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	<b>ES</b>	<b>2971T</b>	<b>Environmental Studies Tutorial</b>	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	<b>ES</b>	<b>2980T</b>	<b>Environmental Studies Tutorial</b>	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	<b>ES</b>	<b>2981T</b>	<b>Environmental Studies Tutorial</b>	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	<b>ES</b>	<b>3620</b>	<b>Environmental Science and Public Policy</b>	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	<b>ES</b>	<b>3970T</b>	<b>Environmental Studies Tutorial</b>	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	<b>ES</b>	<b>3980T</b>	<b>Environmental Studies Tutorial</b>	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	<b>ES</b>	<b>4250</b>	<b>Watershed Management</b>	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	<b>ES</b>	<b>4250</b>	<b>Watershed Management</b>	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	<b>ES</b>	<b>4300</b>	<b>Field Methods in Environmental Studies</b>	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	<b>ES</b>	<b>4300</b>	<b>Field Methods in Environmental Studies</b>	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	<b>ES</b>	<b>4500</b>	<b>Environmental Studies Capstone Seminar</b>	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.								

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COURSE LISTING  
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GVS	ES	<b>ES</b>	<b>4610</b>	<b>Resilience Theory and Practice</b>	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	<b>ES</b>	<b>4630</b>	<b>Climate Change Mitigation, Adaptation and Resilience Policy</b>	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	<b>ES</b>	<b>4640</b>	<b>Risk, Climate Security, and Community Engagement</b>	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	<b>ES</b>	<b>4710</b>	<b>Bioenergy: Science, Policy, and Business</b>	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	<b>ES</b>	<b>4720</b>	<b>Energy Systems and Policy</b>	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	<b>ES</b>	<b>4730</b>	<b>Environmental Entrepreneurship</b>	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	<b>ES</b>	<b>4740</b>	<b>Strategies for Resilient Agriculture</b>	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	<b>ES</b>	<b>4832</b>	<b>Sustainability Implementation Practicum</b>	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.								



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GVS	ES	<b>ES</b>	<b>4840</b>	<b>Science, Technology and Innovation Policy</b>	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	<b>ES</b>	<b>4900</b>	<b>Special Topics in Environmental Studies</b>	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	<b>ES</b>	<b>4910</b>	<b>Environmental Studies Leadership Experience</b>	Internship	1 to 5	0	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		CR, PR Experiential learning for students pursuing leadership emphasis in the undergraduate Environmental Studies Certificate Program. Work with external organization(s) to solve environmental problems.								
GVS	ES	<b>ES</b>	<b>4970T</b>	<b>Environmental Studies Tutorial</b>	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	<b>ES</b>	<b>4980T</b>	<b>Environmental Studies Tutorial</b>	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	<b>ES</b>	<b>5250</b>	<b>Watershed Management</b>	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	<b>ES</b>	<b>5250</b>	<b>Watershed Management</b>	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	<b>ES</b>	<b>5610</b>	<b>Resilience Theory and Practice</b>	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	<b>ES</b>	<b>5620</b>	<b>Environmental Science and Public Policy</b>	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	<b>ES</b>	<b>5630</b>	<b>Climate Change Mitigation, Adaptation and Resilience Policy</b>	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.								

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GVS	ES	<b>ES</b>	<b>5640</b>	<b>Risk, Climate Security, and Community Engagement</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	<b>ES</b>	<b>5710</b>	<b>Bioenergy: Science, Policy, and Business</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Students gain an understanding of the historical uses, current trends, and potential future production of bioenergy. Students learn how to describe and interpret life-cycle impacts of bioenergy production systems. The course reviews national (U.S.) and international policies that regulate bioenergy production; and analyzes the crop species, agro-ecosystems, land managements, conversion technologies, co-products, transportation infrastructure, and end uses of bioenergy production pathways for both solid and liquid fuels. Students also evaluate the ecological impacts, land and water requirements, economic efficiencies, and energetic efficiencies of bioenergy systems relative to other energy systems.								
GVS	ES	<b>ES</b>	<b>5720</b>	<b>Energy Systems and Policy</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Energy systems are undergoing rapid change due to resource constraints, market forces, local, state, national, and international policy, and environmental impacts. Public administrators have a need to understand the implications of energy systems and the policies that govern them. This course presents traditional and emerging energy systems and how policy affects these systems.								
GVS	ES	<b>ES</b>	<b>5730</b>	<b>Environmental Entrepreneurship</b>	Lecture	3	0		N	G40		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	<b>ES</b>	<b>5740</b>	<b>Strategies for Resilient Agriculture</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	<b>ES</b>	<b>5832</b>	<b>Sustainability Implementation Practicum</b>	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course involves students in a critical analysis of the Ohio University Sustainability Plan and community-based projects that support the Office of Sustainability's mission. Students are engaged in the exploration of contemporary environmental initiatives, leadership, professionalism and local issues. Implementation of effective projects and feasibility studies to advance institutional sustainability efforts provides students the opportunity to make meaningful changes within their campus and community. This course's focus allows students the opportunity to better define sustainability and the role it plays in their lives, enhance skills that encourage sustainable behaviors and make positive contributions to their health, the natural environment and the local community.								
GVS	ES	<b>ES</b>	<b>5840</b>	<b>Science, Technology and Innovation Policy</b>	Lecture	3	0		N	G40		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	<b>ES</b>	<b>5900</b>	<b>Special Topics in Environmental Studies</b>	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:							
		COURSE DESC:		CR, PR Designed as an undergraduate seminar on contemporary environmental issues.								
GVS	ES	<b>ES</b>	<b>6580</b>	<b>Environmental Studies Colloquium</b>	Seminar	1	2		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:							
		COURSE DESC:		PR, F Forum for presentation of original research, literature reviews, and discussions of contemporary environmental issues. Presentation by students, faculty, and guests.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>Seminar in Community-Based Environmental Studies</b>	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	<b>Seminar in Community-Based Environmental Studies</b>	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	<b>Seminar in Environment and Society</b>	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	<b>Community-Based Sustainability</b>	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	<b>Ecology and Environmental Issues</b>	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	<b>Concepts in Environmental Sustainability</b>	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	<b>Seminar in Environmental Leadership</b>	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	<b>Capstone: Resilient Infrastructure and Communities</b>	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	<b>Special Topics in Environmental Studies</b>	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	<b>Environmental Studies Internship</b>	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	<b>Environmental Studies Research</b>	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	<b>Environmental Studies Thesis</b>	Thesis	1 to 15	30		N	G40		0
				ELIGIBLE GRADES: GEC5: CR, REQUISITE: Permission required PR, F COURSE DESC: Thesis hours for MSES students. At most 8 hours will count toward the ES degree.								

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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	<b>ES</b>	<b>4250A</b>	<b>Honors Experience in Watershed Management</b>	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	<b>ES</b>	<b>4300A</b>	<b>Honors Experience in Field Methods in Environmental Studies</b>	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	<b>ES</b>	<b>4710A</b>	<b>Honors Experience in Bioenergy: Science, Policy, and Business</b>	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	<b>ES</b>	<b>4720A</b>	<b>Honors Experience in Energy Systems and Policy</b>	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	<b>ES</b>	<b>4831</b>	<b>Environmental Sustainability Assessment</b>	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	<b>ES</b>	<b>4920</b>	<b>Practicum in Environmental Studies</b>	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	<b>ES</b>	<b>4930</b>	<b>Independent Study in Environmental Studies</b>	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	<b>ES</b>	<b>5300</b>	<b>Field Methods in Environmental Studies</b>	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	<b>ES</b>	<b>5300</b>	<b>Field Methods in Environmental Studies</b>	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	<b>ES</b>	<b>5301</b>	<b>Global Water Resources</b>	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	<b>ES</b>	<b>5831</b>	<b>Environmental Sustainability Assessment</b>	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	<b>ES</b>	<b>6801</b>	<b>Preparing for Environmental Leadership Practicum</b>	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	<b>ES</b>	<b>6920</b>	<b>Environmental Leadership Practicum</b>	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.								

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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	<b>ES</b>	<b>6930</b>	<b>Independent Study in Environmental Studies</b>	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	<b>LPA</b>	<b>4010</b>	<b>Research Methods in Leadership and Public Affairs</b>	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	<b>LPA</b>	<b>4020</b>	<b>Advanced Research Methods in Leadership and Public Affairs</b>	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	<b>LPA</b>	<b>4120</b>	<b>Public Personnel Administration</b>	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	<b>LPA</b>	<b>4140</b>	<b>Organizational Leadership</b>	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	<b>LPA</b>	<b>4590</b>	<b>Measuring Outcomes in Public and Nonprofit Organizations</b>	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	<b>LPA</b>	<b>4680</b>	<b>Nonprofit Fundraising</b>	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	<b>LPA</b>	<b>4710</b>	<b>Social Entrepreneurship</b>	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	<b>LPA</b>	<b>4810</b>	<b>Public Private Partnerships</b>	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	<b>LPA</b>	<b>4820</b>	<b>Human Behavior as Rational Action</b>	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	<b>LPA</b>	<b>4830</b>	<b>Data Analytics for Public and Nonprofit Managers</b>	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	<b>LPA</b>	<b>4840</b>	<b>Management Skills for Public Administration</b>	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	<b>LPA</b>	<b>4850</b>	<b>Policy Analysis for Public Affairs and Leadership</b>	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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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	GVS	<b>LPA</b>	<b>4860</b>	<b>Public Budgeting</b>	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	<b>LPA</b>	<b>4870</b>	<b>Financial Management in Government</b>	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	<b>LPA</b>	<b>4890</b>	<b>Nonprofit Management</b>	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	<b>LPA</b>	<b>4900</b>	<b>Special Topics in Leadership and Public Affairs</b>	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	<b>LPA</b>	<b>4910</b>	<b>Strategy and Organization Consulting</b>	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	<b>LPA</b>	<b>4920</b>	<b>Applied Learning in Leadership and Public Affairs</b>	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	<b>LPA</b>	<b>4930</b>	<b>Independent Study in Leadership and Public Affairs</b>	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	<b>LPA</b>	<b>5640</b>	<b>Conflict Management and Dispute Resolution in Public and Nonprofit organizations</b>	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	<b>LPA</b>	<b>5660</b>	<b>Theories and Practices in Collaboration</b>	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	<b>LPA</b>	<b>5840</b>	<b>Entrepreneurial Consulting for Public and Non-Profit Organizations</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>LPA</b>	<b>5850</b>	<b>Technology Transfer and Commercialization</b>	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	<b>LPA</b>	<b>5900</b>	<b>Special Topics in Leadership and Public Affairs</b>	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	<b>MPA</b>	<b>5120</b>	<b>Public Human Resource Management</b>	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	<b>MPA</b>	<b>5140</b>	<b>Organizational Leadership</b>	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	<b>MPA</b>	<b>5530</b>	<b>Ethics and Public Policy</b>	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	<b>MPA</b>	<b>5580</b>	<b>Public Sector Program Evaluation</b>	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	<b>MPA</b>	<b>5590</b>	<b>Measuring Outcomes in Public and Non-Profit Organizations</b>	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	<b>MPA</b>	<b>5650</b>	<b>Implementation Science; Using Science in Practice</b>	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	<b>MPA</b>	<b>5660</b>	<b>Strategic Communication and Outreach for Non-Profit Management</b>	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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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
GVS	GVS	<b>MPA</b>	<b>5680</b>	<b>Nonprofit Financial Management and Resource Development</b>	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	<b>MPA</b>	<b>5710</b>	<b>Social Entrepreneurship</b>	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	<b>MPA</b>	<b>5720</b>	<b>Strategy and Organization Consulting</b>	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	<b>MPA</b>	<b>5810</b>	<b>Public Private Partnerships</b>	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	<b>MPA</b>	<b>5820</b>	<b>Human Behavior as Rational Action</b>	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	<b>MPA</b>	<b>5830</b>	<b>Data Analytics for Public and Non-profit Managers</b>	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	<b>MPA</b>	<b>5840</b>	<b>Management Skills for Public Administrators</b>	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	<b>MPA</b>	<b>5850</b>	<b>Policy Analysis for Public Affairs and Leadership</b>	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	<b>MPA</b>	<b>5860</b>	<b>Public Budgeting</b>	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.								



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GVS	GVS	<b>MPA</b>	<b>5870</b>	<b>Financial Management in Government</b>	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	<b>MPA</b>	<b>5890</b>	<b>Non-profit Leadership and Governance</b>	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	<b>MPA</b>	<b>5900</b>	<b>Special Topics in Masters of Public Administration</b>	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	<b>MPA</b>	<b>6000</b>	<b>Leadership in Education Policy</b>	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	<b>MPA</b>	<b>6001</b>	<b>Education Policy Analysis</b>	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	<b>MPA</b>	<b>6010</b>	<b>Research Methods in Leadership and Public Affairs</b>	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	<b>MPA</b>	<b>6020</b>	<b>Advanced Research Methods in Leadership and Public Affairs</b>	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	<b>MPA</b>	<b>6030</b>	<b>Qualitative Research Methods in Public Administration</b>	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	<b>MPA</b>	<b>6200</b>	<b>Foundations of Public Administration</b>	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	<b>MPA</b>	<b>6800</b>	<b>Strategic Leadership and Public Value</b>	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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GVS	GVS	<b>MPA</b>	<b>6900</b>	<b>Special Topics in Public Affairs</b>	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	<b>MPA</b>	<b>6910</b>	<b>Public Affairs Internship</b>	Internship	1 to 3	3		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Permission required								
		PR, F										
		COURSE DESC:		Provides graduate students with credit for internships related to public affairs.								
GVS	GVS	<b>MPA</b>	<b>6930</b>	<b>Independent Study in Leadership and Public Affairs</b>	Ind Study	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		CR, PR										
		COURSE DESC:		Independent study is a one-on-one course with a topic and scope of work approved by the supervising faculty								
GVS	GVS	<b>MPA</b>	<b>6950</b>	<b>Thesis in Public Affairs</b>	Thesis	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required								
		PR, F										
		COURSE DESC:		Students completing a thesis as part of their graduate MPA degree can register for thesis hours.								

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HSP	AHSW	<b>AHSW</b>	<b>2970T</b>	<b>Translational Health - Applied Health Tutorial</b>	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	<b>AHSW</b>	<b>2971T</b>	<b>Translational Health - Applied Health Tutorial</b>	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	<b>AHSW</b>	<b>2980T</b>	<b>Translational Health - Applied Health Tutorial</b>	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	<b>AHSW</b>	<b>2981T</b>	<b>Translational Health - Applied Health Tutorial</b>	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	<b>AHSW</b>	<b>3970T</b>	<b>Translational Health - Applied Health Tutorial</b>	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	<b>AHSW</b>	<b>3980T</b>	<b>Translational Health - Applied Health Tutorial</b>	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	<b>AHSW</b>	<b>4902H</b>	<b>Honors Seminar in Food and Nutrition Sciences</b>	Seminar	1 to 2	0		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	Permission required						
		COURSE DESC:		PR, F Research and recent developments in food and nutrition sciences for honors students.								
HSP	AHSW	<b>AHSW</b>	<b>4945H</b>	<b>Readings in Honors for Food and Nutrition Sciences</b>	Research	1 to 3	6		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		CR, PR Independent reading in preparation for honors thesis in food and nutrition sciences. Exploration of reading topics in consultation with faculty.								
HSP	AHSW	<b>AHSW</b>	<b>4946H</b>	<b>Honors Research in Food and Nutrition Sciences</b>	Research	1 to 4	12	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		CR, PR Implementation of honors project or research in advancement of honors thesis in food and nutrition sciences.								
HSP	AHSW	<b>AHSW</b>	<b>4947H</b>	<b>Honors Thesis in Food and Nutrition Sciences</b>	Research	2 to 5	10	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		CR, PR Completion, oral defense, and presentation of honors thesis in food and nutrition sciences.								
HSP	AHSW	<b>AHSW</b>	<b>4970T</b>	<b>Translational Health - Applied Health Tutorial Senior Thesis</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	HTC						
		COURSE DESC:		PR Special course offered to students in the Honors Tutorial program covering topics in Applied Health Sciences and Wellness.								
HSP	AHSW	<b>AHSW</b>	<b>4980T</b>	<b>Translational Health - Applied Health Tutorial Senior Thesis</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	HTC						
		COURSE DESC:		PR Special course offered to students in the Honors Tutorial program covering topics in Applied Health Sciences and Wellness.								
HSP	AHSW	<b>AT</b>	<b>1001</b>	<b>Introduction to Sports Medicine</b>	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	<b>AT</b>	<b>1002</b>	<b>Orthopedic Clinical Skills in Sports Medicine</b>	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.								

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HSP	AHSW	<b>AT</b>	<b>1002</b>	<b>Orthopedic Clinical Skills in Sports Medicine</b>	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	<b>AT</b>	<b>1150</b>	<b>Emergency Care in Athletic Training</b>	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	<b>AT</b>	<b>1150</b>	<b>Emergency Care in Athletic Training</b>	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	<b>AT</b>	<b>2100</b>	<b>Lower Extremity Examination</b>	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	<b>AT</b>	<b>2101</b>	<b>Lower Extremity Examination Lab</b>	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	<b>AT</b>	<b>2102</b>	<b>Lower Extremity Examination Gross Anatomy Lab</b>	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	<b>AT</b>	<b>2150</b>	<b>Upper Extremity Examination</b>	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	<b>AT</b>	<b>2151</b>	<b>Upper Extremity Examination Lab</b>	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	<b>AT</b>	<b>2152</b>	<b>Upper Extremity Examination Gross Anatomy Lab</b>	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	<b>AT</b>	<b>2200</b>	<b>Therapeutic Modalities</b>	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	<b>AT</b>	<b>2201</b>	<b>Therapeutic Modalities Lab</b>	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	<b>AT</b>	<b>2300</b>	<b>Therapeutic Exercise</b>	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	<b>AT</b>	<b>2301</b>	<b>Therapeutic Exercise Lab</b>	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	<b>AT</b>	<b>2690</b>	<b>Health and Injury in Performing Artists</b>	Lecture	3	0	2AS; ANW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>AT</b>	<b>2900</b>	<b>Special Topics in Athletic Training</b>	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	AHSW	<b>AT</b>	<b>2920</b>	<b>Introduction to Athletic Training Clinical Experiences</b>	Practicum	1	2	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>AT</b>	<b>2921</b>	<b>Practicum in Athletic Training I</b>	Practicum	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				AT 1002								
				Under the direct supervision of a clinical instructor, students apply the knowledge and skills obtained in the classroom on actual patients. Emphasis is placed on clinical decision-making.								
HSP	AHSW	<b>AT</b>	<b>2922</b>	<b>Practicum in Athletic Training II</b>	Practicum	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				AT 2921								
				This is the second course in the series of AT Practicum. Under the direct supervision of a clinical instructor, students apply the knowledge and skills obtained in the classroom on an actual patients. Emphasis is placed on clinical decision-making.								
HSP	AHSW	<b>AT</b>	<b>3001</b>	<b>Clinical Skills in Sports Medicine</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				AT 1001 and EXPH 2280								
				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	<b>AT</b>	<b>3100</b>	<b>Orthopedic Appliances</b>	Laboratory	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				AT 2150 and 2922								
				Provides students with information on applications and techniques utilized by sports medicine professionals in orthopedic settings and the athletic training room.								
HSP	AHSW	<b>AT</b>	<b>3100</b>	<b>Orthopedic Appliances</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				AT 2150 and 2922								
				Provides students with information on applications and techniques utilized by sports medicine professionals in orthopedic settings and the athletic training room.								
HSP	AHSW	<b>AT</b>	<b>3200</b>	<b>Dispositions of Medical Conditions</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				AT 2150 and 2300								
				Students examine the pathophysiology of general medical conditions and the pharmacological interventions used in the management of disease and disability. The management and administration of over the counter and prescription medications, performance enhancing substances, their pharmacokinetics and pharmacodynamics, and how physical activity is altered by their use and abuse.								
HSP	AHSW	<b>AT</b>	<b>3300</b>	<b>Evidence-Based Practice in Athletic Training</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		REQUISITE:								
				AT 2100								
				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	<b>AT</b>	<b>3693</b>	<b>Musculoskeletal Movement in Performing Arts</b>	Lecture	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>AT</b>	<b>3921</b>	<b>Practicum in Athletic Training III</b>	Practicum	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				AT 2922 or 280C								
				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	<b>AT</b>	<b>3922</b>	<b>Practicum in Athletic Training IV</b>	Practicum	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				AT 3921								
				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.								

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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	<b>AT</b>	<b>4500</b>	<b>Athletic Training Administration</b>	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	<b>AT</b>	<b>4600</b>	<b>Manual Therapy in Rehabilitation</b>	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	<b>AT</b>	<b>4600</b>	<b>Manual Therapy in Rehabilitation</b>	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	<b>AT</b>	<b>4900</b>	<b>Special Topics in Athletic Training</b>	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	<b>AT</b>	<b>4910</b>	<b>Clinical Internship in Athletic Training</b>	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	<b>AT</b>	<b>4921</b>	<b>Senior Practicum</b>	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	<b>AT</b>	<b>4930</b>	<b>Independent Study</b>	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	<b>AT</b>	<b>4935</b>	<b>Special Problems in Athletic Training</b>	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	<b>AT</b>	<b>5000</b>	<b>Therapeutic Interventions</b>	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	<b>AT</b>	<b>5000</b>	<b>Therapeutic Interventions</b>	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	<b>AT</b>	<b>5010</b>	<b>Diagnosis and Care of Lower Extremity Pathologies</b>	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	<b>AT</b>	<b>5010</b>	<b>Diagnosis and Care of Lower Extremity Pathologies</b>	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  
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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	<b>AT</b>	<b>5011</b>	<b>Lower Extremity Gross Anatomy</b>	Laboratory	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to MSAT Program						
		COURSE DESC:		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	<b>AT</b>	<b>5030</b>	<b>Evidence-Based Practice in Athletic Training</b>	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to MSAT Program						
		COURSE DESC:		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	<b>AT</b>	<b>5100</b>	<b>Orthopedic Appliances</b>	Laboratory	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	AT 5110 or Masters of Science in Athletic Training (MS8130)						
		COURSE DESC:		Provides students with information on applications and techniques utilized by sports medicine professionals in orthopedic settings and the athletic training room.								
HSP	AHSW	<b>AT</b>	<b>5100</b>	<b>Orthopedic Appliances</b>	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	AT 5110 or Masters of Science in Athletic Training (MS8130)						
		COURSE DESC:		Provides students with information on applications and techniques utilized by sports medicine professionals in orthopedic settings and the athletic training room.								
HSP	AHSW	<b>AT</b>	<b>5110</b>	<b>Diagnosis and Care of Upper Extremity Pathologies</b>	Laboratory	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	AT 5010						
		COURSE DESC:		Evidence-based practice applications to the pathology, etiology, diagnostic principles, and therapeutic interventions for common musculoskeletal disorders of the upper extremity.								
HSP	AHSW	<b>AT</b>	<b>5110</b>	<b>Diagnosis and Care of Upper Extremity Pathologies</b>	Lecture	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	AT 5010						
		COURSE DESC:		Evidence-based practice applications to the pathology, etiology, diagnostic principles, and therapeutic interventions for common musculoskeletal disorders of the upper extremity.								
HSP	AHSW	<b>AT</b>	<b>5111</b>	<b>Upper Extremity Gross Anatomy</b>	Laboratory	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	AT 5010						
		COURSE DESC:		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	<b>AT</b>	<b>5130</b>	<b>Diagnosis and Care of Head and Cervical Spine Pathologies</b>	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	AT 5010						
		COURSE DESC:		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	<b>AT</b>	<b>5140</b>	<b>Medical Conditions in Athletic Training</b>	Laboratory	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to MSAT Program						
		COURSE DESC:		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	<b>AT</b>	<b>5140</b>	<b>Medical Conditions in Athletic Training</b>	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Admission to MSAT Program						
		COURSE DESC:		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	<b>AT</b>	<b>5150</b>	<b>Clinical Reasoning 1</b>	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	AT 5010						
		COURSE DESC:		Develops the students' clinical reasoning skills concerning the lower extremity.								
HSP	AHSW	<b>AT</b>	<b>5180</b>	<b>Instructional Experience</b>	Laboratory	1 to 4	12		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required CR, PR						
		COURSE DESC:		Provides the student with opportunities to provide teaching assistance to undergraduate students in the classroom and laboratory.								
HSP	AHSW	<b>AT</b>	<b>5230</b>	<b>The Spine and Posture</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	AT 5130						
		COURSE DESC:		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.								

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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	<b>AT</b>	<b>5240</b>	<b>Administration of Athletic Training</b>	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	<b>AT</b>	<b>5250</b>	<b>Clinical Reasoning 2</b>	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	<b>AT</b>	<b>5300</b>	<b>Manual Therapy in Rehabilitation</b>	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	<b>AT</b>	<b>5300</b>	<b>Manual Therapy in Rehabilitation</b>	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	<b>AT</b>	<b>5310</b>	<b>Pharmacology in Athletic Training</b>	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	<b>AT</b>	<b>5330</b>	<b>Clinical Reasoning 3</b>	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	<b>AT</b>	<b>5340</b>	<b>Clinical Research in Athletic Training</b>	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.								
HSP	AHSW	<b>AT</b>	<b>5790</b>	<b>Wellness for Performing Artists</b>	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	<b>AT</b>	<b>5900</b>	<b>Special Topics in Athletic Training</b>	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	<b>AT</b>	<b>5910</b>	<b>Clinical Immersion</b>	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	<b>AT</b>	<b>5921</b>	<b>AT Practicum 1</b>	Practicum	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Admission to MSAT Program								
		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 emergent care.								
HSP	AHSW	<b>AT</b>	<b>5922</b>	<b>AT Practicum 2</b>	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.								
HSP	AHSW	<b>AT</b>	<b>5923</b>	<b>AT Practicum 3</b>	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. Emphasizes clinical decision-making of the upper extremity.								
HSP	AHSW	<b>AT</b>	<b>5924</b>	<b>AT Practicum 4</b>	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. Emphasizes clinical decision-making 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	6080	<b>Care and Prevention of Athletic-Related Injuries</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES: GEC1: A-F								
				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	<b>Orthopedic Diagnosis</b>	Laboratory	3	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: Master of Science in Athletic Training Major								
				COURSE DESC: This course emphasizes evidence-based diagnosis and management of orthopedic conditions, the inter-relatedness of the neuromuscular system, and enhances the students' current diagnostic skills.								
HSP	AHSW	AT	6100	<b>Orthopedic Diagnosis</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: Master of Science in Athletic Training Major								
				COURSE DESC: This course emphasizes evidence-based diagnosis and management of orthopedic conditions, the inter-relatedness of the neuromuscular system, and enhances the students' current diagnostic skills.								
HSP	AHSW	AT	6110	<b>Athletic Training Administration and Clinical Instruction</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: Master of Science in Athletic Training Major								
				COURSE DESC: Focuses on sports medicine administration including: management skills, human resource skills, documentation, communication, and strategies for service delivery in high schools and colleges/universities. Addresses the knowledge and skills required to be an approved clinical instructor for entry-level AT students.								
HSP	AHSW	AT	6120	<b>Leadership and Professionalism in Athletic Training</b>	Lecture	2	0		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE:								
				COURSE DESC: 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	<b>Patient-Oriented Outcomes in Athletic Training</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE:								
				COURSE DESC: 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	<b>Advanced Theory in Therapeutic Modalities</b>	Laboratory	3	0		N	G40		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: Master of Science in Athletic Training Major								
				COURSE DESC: The course will relate current research and evidence-based practice to the physiological effects of orthopedic trauma and the healing process as the basis of treatment and rehabilitation.								
HSP	AHSW	AT	6200	<b>Advanced Theory in Therapeutic Modalities</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: Master of Science in Athletic Training Major								
				COURSE DESC: The course will relate current research and evidence-based practice to the physiological effects of orthopedic trauma and the healing process as the basis of treatment and rehabilitation.								
HSP	AHSW	AT	6210	<b>Human Anatomy for Athletic Trainers</b>	Laboratory	3	0		N	G40		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: Master of Science in Athletic Training Major								
				COURSE DESC: This course is designed to provide detailed knowledge in the study of human gross anatomy. A regional approach to the appreciation of human anatomy will be augmented with surface, clinical, and radiographic resources.								
HSP	AHSW	AT	6210	<b>Human Anatomy for Athletic Trainers</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES: GEC3: A-F, REQUISITE: Master of Science in Athletic Training Major								
				COURSE DESC: This course is designed to provide detailed knowledge in the study of human gross anatomy. A regional approach to the appreciation of human anatomy will be augmented with surface, clinical, and radiographic resources.								

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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	AT	6220	<b>Athletic Training Research I</b>	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	<b>Statistics for Advanced Athletic Training Practice I</b>	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	<b>Neuromechanics of Sports Injury Rehabilitation</b>	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	<b>Neuromechanics of Sports Injury Rehabilitation</b>	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	<b>Athletic Training Research II</b>	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	<b>Statistics for Advanced Athletic Training Practice II</b>	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	<b>Sport Injury Risk Assessment</b>	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	<b>Psychosocial Issues in Athletic Training</b>	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	<b>Evidence-Based Care in Athletic Training I</b>	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	<b>Evidence-Based Care in Athletic Training II</b>	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	<b>Healthcare of the Performing Artist</b>	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.								

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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	<b>AT</b>	<b>6900</b>	<b>Special Topics in Athletic Training</b>	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	<b>AT</b>	<b>6920</b>	<b>Practicum</b>	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	<b>AT</b>	<b>6930</b>	<b>Special Problems</b>	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	<b>AT</b>	<b>6940</b>	<b>Athletic Training Research Project</b>	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	<b>AT</b>	<b>6950</b>	<b>Athletic Training Thesis</b>	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	<b>EXPH</b>	<b>1001</b>	<b>Lifetime Fitness</b>	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	<b>EXPH</b>	<b>1001</b>	<b>Lifetime Fitness</b>	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	<b>EXPH</b>	<b>1490</b>	<b>Introduction to Exercise Science</b>	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	<b>EXPH</b>	<b>1600</b>	<b>Foundations in Muscular Fitness</b>	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	<b>EXPH</b>	<b>1600</b>	<b>Foundations in Muscular Fitness</b>	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	<b>EXPH</b>	<b>2200</b>	<b>Applied Kinesiology</b>	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	<b>EXPH</b>	<b>2280</b>	<b>Community First Aid, and CPR/AED for the Professional Rescuer</b>	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	<b>EXPH</b>	<b>2290</b>	<b>Exercise Testing and Prescription</b>	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	<b>EXPH</b>	<b>2295</b>	<b>Exercise Testing and Prescription Lab</b>	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	<b>EXPH</b>	<b>2590</b>	<b>Physical Fitness</b>	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	<b>EXPH</b>	<b>2900</b>	<b>Special Topics in Exercise Physiology</b>	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	<b>EXPH</b>	<b>2921</b>	<b>Practicum in Exercise Physiology</b>	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	<b>EXPH</b>	<b>3010</b>	<b>Foundations of Exercise Physiology</b>	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	<b>EXPH</b>	<b>3180</b>	<b>First Aid and CPR II</b>	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	<b>EXPH</b>	<b>3200</b>	<b>Biomechanics</b>	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	<b>EXPH</b>	<b>3205</b>	<b>Biomechanics Laboratory</b>	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	<b>EXPH</b>	<b>3280</b>	<b>First Aid/CPR (BLS) Instructor</b>	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	<b>EXPH</b>	<b>3280</b>	<b>First Aid/CPR (BLS) Instructor</b>	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	<b>EXPH</b>	<b>3930</b>	<b>Independent Study</b>	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.								
HSP	AHSW	<b>EXPH</b>	<b>4140</b>	<b>Physiology of Exercise</b>	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.								

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HSP	AHSW	<b>EXPH</b>	<b>4145</b>	<b>Physiology of Exercise Lab</b>	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	<b>EXPH</b>	<b>4145</b>	<b>Physiology of Exercise Lab</b>	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	<b>EXPH</b>	<b>4160</b>	<b>Resistance Training:Theory and Application</b>	Laboratory	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (BIOS 3450 and 3455)						
		COURSE DESC:		Explores the physiological characteristics of muscle, its adaptations to exercise, and training methods that can be used to produce these adaptations. Emphasizes both theory and application, with hands-on experience.								
HSP	AHSW	<b>EXPH</b>	<b>4160</b>	<b>Resistance Training:Theory and Application</b>	Lecture	3	0		N	U30		75
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	C or better in (BIOS 3450 and 3455)						
		COURSE DESC:		Explores the physiological characteristics of muscle, its adaptations to exercise, and training methods that can be used to produce these adaptations. Emphasizes both theory and application, with hands-on experience.								
HSP	AHSW	<b>EXPH</b>	<b>4170</b>	<b>Clinical Exercise Physiology for Nursing</b>	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	<b>EXPH</b>	<b>4185</b>	<b>Instructional Experience</b>	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	<b>EXPH</b>	<b>4490</b>	<b>Cardiovascular Assessments in Exercise Physiology</b>	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	<b>EXPH</b>	<b>4490</b>	<b>Cardiovascular Assessments in Exercise Physiology</b>	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	<b>EXPH</b>	<b>4495</b>	<b>Exercise Testing and Prescription for Special Populations</b>	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	<b>EXPH</b>	<b>4610</b>	<b>Advanced Topics in Exercise Performance</b>	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	<b>EXPH</b>	<b>4610</b>	<b>Advanced Topics in Exercise Performance</b>	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	<b>EXPH</b>	<b>4620</b>	<b>Pediatric Exercise Physiology</b>	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.								
HSP	AHSW	<b>EXPH</b>	<b>4620A</b>	<b>Honors Experience: Pediatric Exercise Physiology</b>	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								

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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	<b>EXPH</b>	<b>4850</b>	<b>Motor Development</b>	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	<b>EXPH</b>	<b>4900</b>	<b>Special Topics in Exercise Physiology</b>	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	<b>EXPH</b>	<b>4910</b>	<b>Internship in Exercise Physiology</b>	Internship	1 to 16	16	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	Permission required and (Jr or Sr)						
		COURSE DESC:		PR, F Elective internship with approved firm, agency, hospital, unit, school, or organization.								
HSP	AHSW	<b>EXPH</b>	<b>4940</b>	<b>Research Dynamics: Planning, Participation and Actualization of the Research Process</b>	Research	1 to 3	3	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	Permission required						
		COURSE DESC:		PR, F 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	<b>EXPH</b>	<b>5140</b>	<b>Physiology of Exercise</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Physiology of exercise major						
		COURSE DESC:		CR, PR 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	<b>EXPH</b>	<b>5145</b>	<b>Physiology of Exercise Lab</b>	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	<b>EXPH</b>	<b>5145</b>	<b>Physiology of Exercise Lab</b>	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	<b>EXPH</b>	<b>5160</b>	<b>Resistance Training:Theory and Application</b>	Laboratory	3	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.								
HSP	AHSW	<b>EXPH</b>	<b>5160</b>	<b>Resistance Training:Theory and Application</b>	Lecture	3	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.								
HSP	AHSW	<b>EXPH</b>	<b>5170</b>	<b>Clinical Exercise Physiology for Nursing</b>	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	<b>EXPH</b>	<b>5180</b>	<b>First Aid and CPR II</b>	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	<b>EXPH</b>	<b>5185</b>	<b>Instructional Experience</b>	Laboratory	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	Permission required						
		COURSE DESC:		PR, F A supervised practice/instructional experience in organizing and teaching activities within the program.								
HSP	AHSW	<b>EXPH</b>	<b>5610</b>	<b>Advanced Topics in Exercise Performance</b>	Laboratory	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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.								

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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	<b>EXPH</b>	<b>5610</b>	<b>Advanced Topics in Exercise Performance</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		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	<b>EXPH</b>	<b>5850</b>	<b>Motor Development</b>	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	EXPH 5140						
		COURSE DESC:		Consideration of psychological, sociological, and physiological bases of development and application of these theories to motor development and performance.								
HSP	AHSW	<b>EXPH</b>	<b>5900</b>	<b>Special Topics in Exercise Physiology</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EXPH 5140 and 5150						
		COURSE DESC:		This course will address a variety of special topics related to the field of exercise physiology. The intent of this class is to provide the student with the opportunity to explore, more deeply, topics that he or she may have been exposed to only briefly (youth and aging, environmental effects, ergogenic aids, weight loss).								
HSP	AHSW	<b>EXPH</b>	<b>5940</b>	<b>Research Dynamics: Planning, Participation and Actualization of the Research Process</b>	Research	1 to 3	3		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Permission required						
		COURSE DESC:		A hands-on approach to research: developing the idea, establishing the methodology, collecting data, conducting statistical evaluation, and writing the results in publication format.								
HSP	AHSW	<b>EXPH</b>	<b>5999</b>	<b>Exercise Physiology Seminar</b>	Seminar	1	8		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR,	REQUISITE:	Permission required						
		COURSE DESC:		Students will discuss research literature pertaining to current topics in exercise physiology. Students will be expected to present and critically discuss these topics as they pertain to the current state of knowledge. The course will allow graduate students to develop critical reading and research presentation skills through reading and presentation of articles published in scholarly journals.								
HSP	AHSW	<b>EXPH</b>	<b>6080</b>	<b>Research Methods and Statistical Applications</b>	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:		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	<b>EXPH</b>	<b>6150</b>	<b>Testing and Monitoring in Human Performance</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Explores common practices used in human performance to evaluate physical abilities of athletes and accumulation of and response to physical stress.								
HSP	AHSW	<b>EXPH</b>	<b>6160</b>	<b>Advanced Resistance Training</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	EXPH 6560 and 6570						
		COURSE DESC:		This course will explore the current research to determine the most up to date recommendations for improving muscle performance. The course will be a combination of traditional textbook recommendations and current research to determine the optimal state of Strength and Conditioning practice.								
HSP	AHSW	<b>EXPH</b>	<b>6170</b>	<b>Exercise Testing &amp; Prescription</b>	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(BIOS 5450 or EXPH 5140) and (BIOS 5455 or EXPH 5150) or concurrent						
		COURSE DESC:		Introduction to a common body of knowledge related to exercise physiology, exercise testing and exercise 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	<b>EXPH</b>	<b>6170</b>	<b>Exercise Testing &amp; Prescription</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	(BIOS 5450 or EXPH 5140) and (BIOS 5455 or EXPH 5150) or concurrent						
		COURSE DESC:		Introduction to a common body of knowledge related to exercise physiology, exercise testing and exercise 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	<b>EXPH</b>	<b>6180</b>	<b>Clinical Exercise Physiology: A Case-Based Approach</b>	Seminar	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	EXPH 6170 and 6920 concurrent						
		COURSE DESC:		This course provides an overview of the pathophysiology, disease management, and recommendations for exercise testing and prescription for typically-encountered clinical disease states in an exercise setting. The course emphasizes a case-study approach with cases derived from the clinic(s) where students perform their practical experience.								

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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	<b>EXPH</b>	<b>6190</b>	<b>Patient-Centered Practice in Clinical Exercise Physiology</b> 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	<b>EXPH</b>	<b>6520</b>	<b>Advanced Laboratory Techniques in Exercise Physiology</b> 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	<b>EXPH</b>	<b>6520</b>	<b>Advanced Laboratory Techniques in Exercise Physiology</b> 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	<b>EXPH</b>	<b>6560</b>	<b>Advanced Physiology of Exercise</b> 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	<b>EXPH</b>	<b>6570</b>	<b>Advanced Physiology of Exercise Laboratory</b> 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	<b>EXPH</b>	<b>6600</b>	<b>Advanced Biomechanics</b> 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	<b>EXPH</b>	<b>6600</b>	<b>Advanced Biomechanics</b> 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	<b>EXPH</b>	<b>6900</b>	<b>Special Topics in Exercise Physiology</b> 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	<b>EXPH</b>	<b>6910</b>	<b>Internship in Physiology of Exercise</b> 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	<b>EXPH</b>	<b>6920</b>	<b>Practicum</b> 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	<b>EXPH</b>	<b>6931</b>	<b>Independent Study</b> 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	<b>EXPH</b>	<b>6950</b>	<b>Thesis</b> GEC4: A-F, REQUISITE: Permission required CR, PR COURSE DESC: Library and laboratory work towards the completion of a research (thesis) project.	Thesis	1 to 12	96		I	G40		0



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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	<b>NUTR</b>	<b>1000</b>	<b>Introduction to Nutrition</b>	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	<b>NUTR</b>	<b>1100</b>	<b>Introduction to Food Systems</b>	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	<b>NUTR</b>	<b>1200</b>	<b>Science of Cooking</b>	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	<b>NUTR</b>	<b>1200</b>	<b>Science of Cooking</b>	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	<b>NUTR</b>	<b>1500</b>	<b>Personal Nutrition for Active Individuals</b>	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	<b>NUTR</b>	<b>1510</b>	<b>Menu Planning and Preparation for Active Individuals</b>	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	<b>NUTR</b>	<b>2100</b>	<b>Lifespan Nutrition</b>	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	<b>NUTR</b>	<b>2100</b>	<b>Lifespan Nutrition</b>	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	<b>NUTR</b>	<b>2200</b>	<b>Science of Food I</b>	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	<b>NUTR</b>	<b>2200</b>	<b>Science of Food I</b>	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	<b>NUTR</b>	<b>2220</b>	<b>Science of Food II</b>	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	<b>NUTR</b>	<b>2220</b>	<b>Science of Food II</b>	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.								

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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	<b>NUTR</b>	<b>2250</b>	<b>Principles of Food Science</b>	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	<b>NUTR</b>	<b>2250</b>	<b>Principles of Food Science</b>	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	<b>NUTR</b>	<b>2900</b>	<b>Special Topics in Nutrition</b>	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	<b>NUTR</b>	<b>2990</b>	<b>Professional Development in Food and Nutrition Sciences</b>	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	<b>NUTR</b>	<b>3000</b>	<b>Nutrient Metabolism</b>	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	<b>NUTR</b>	<b>3100</b>	<b>Medical Nutrition Therapy I</b>	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	<b>NUTR</b>	<b>3230</b>	<b>Fundamentals of Nutrition for Athletic and Physical Performance</b>	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	<b>NUTR</b>	<b>3300</b>	<b>Principles of Quantity Food Production and Purchasing</b>	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	<b>NUTR</b>	<b>3350</b>	<b>Introduction to Food Production</b>	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	<b>NUTR</b>	<b>3500</b>	<b>Contemporary School Nutrition</b>	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	<b>NUTR</b>	<b>3500</b>	<b>Contemporary School Nutrition</b>	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	<b>NUTR</b>	<b>3600</b>	<b>Nutrition Counseling</b>	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.								
HSP	AHSW	<b>NUTR</b>	<b>3909</b>	<b>Food and Nutrition Sciences Study Tour</b>	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.								

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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	<b>NUTR</b>	<b>3920</b>	<b>Field Experience in Culinary and Environmental Nutrition</b>	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	<b>NUTR</b>	<b>3921</b>	<b>Dietetic Field Experience</b>	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	<b>NUTR</b>	<b>4000</b>	<b>Nutrition in the Community</b>	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	<b>NUTR</b>	<b>4050</b>	<b>Advanced Nutrition</b>	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	<b>NUTR</b>	<b>4100</b>	<b>Medical Nutrition Therapy II</b>	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	<b>NUTR</b>	<b>4200</b>	<b>Experimental Foods</b>	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	<b>NUTR</b>	<b>4200</b>	<b>Experimental Foods</b>	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	<b>NUTR</b>	<b>4260</b>	<b>World View of Nutrition</b>	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	<b>NUTR</b>	<b>4320</b>	<b>Diabetes From Bench to Bedside</b>	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	<b>NUTR</b>	<b>4400</b>	<b>Research Design and Methods in Food and Nutrition Sciences</b>	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	<b>NUTR</b>	<b>4900</b>	<b>Special Topics in Nutrition</b>	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	<b>NUTR</b>	<b>4901</b>	<b>Food and Nutrition Sciences Senior Seminar</b>	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.								
HSP	AHSW	<b>NUTR</b>	<b>4902</b>	<b>Seminar/Workshop in International Service in Food and Nutrition Sciences</b>	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	<b>NUTR</b>	<b>4903</b>	<b>Seminar in Institutional and School Nutrition Management</b>	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.								

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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	<b>NUTR</b>	<b>4904</b>	<b>Seminar in Food and Nutrition Sciences</b>	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	<b>NUTR</b>	<b>4908</b>	<b>Advanced Seminar in Food and Nutrition Sciences</b>	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	<b>NUTR</b>	<b>4920</b>	<b>Nutrition Counseling Practicum</b>	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	<b>NUTR</b>	<b>4930</b>	<b>Independent Study in Food and Nutrition Science</b>	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	<b>NUTR</b>	<b>4932</b>	<b>Independent Study in Diabetes</b>	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	<b>NUTR</b>	<b>4947</b>	<b>Studies in Food, Nutrition, and Applied Nutrition</b>	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	<b>NUTR</b>	<b>4960</b>	<b>Trends in Diabetes</b>	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	<b>NUTR</b>	<b>4970</b>	<b>Seminar in Environmental Nutrition</b>	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	<b>NUTR</b>	<b>5000</b>	<b>Nutrition in the Community</b>	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	<b>NUTR</b>	<b>5050</b>	<b>Advanced Nutrition</b>	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	<b>NUTR</b>	<b>5080</b>	<b>Nutrient Metabolism</b>	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	<b>NUTR</b>	<b>5100</b>	<b>Medical Nutrition Therapy I</b>	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.								
HSP	AHSW	<b>NUTR</b>	<b>5105</b>	<b>Medical Nutrition Therapy II</b>	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 gastrointestinal, pulmonary, and wasting diseases. Enteral and parenteral nutrition.								
HSP	AHSW	<b>NUTR</b>	<b>5200</b>	<b>Experimental Foods</b>	Laboratory	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (NUTR 5080 and 5300 and PSY 5110)								
		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	<b>NUTR</b>	<b>5200</b>	<b>Experimental Foods</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: C or better in (NUTR 5080 and 5300 and PSY 5110)								
		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.								

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HSP	AHSW	<b>NUTR</b>	<b>5230</b>	<b>Fundamentals of Nutrition for Athletic and Physical Performance</b>	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	<b>NUTR</b>	<b>5260</b>	<b>World View of Nutrition</b>	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	<b>NUTR</b>	<b>5300</b>	<b>Principles of Quantity Food Production and Purchasing</b>	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	<b>NUTR</b>	<b>5320</b>	<b>Diabetes From Bench to Bedside</b>	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	<b>NUTR</b>	<b>5350</b>	<b>Introduction to Food Production</b>	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	<b>NUTR</b>	<b>5400</b>	<b>Research Design and Methods in Food and Nutrition Sciences</b>	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	<b>NUTR</b>	<b>5410</b>	<b>Fundamentals of Nutrition Care for Physician Assistants</b>	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	<b>NUTR</b>	<b>5500</b>	<b>Contemporary School Nutrition</b>	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	<b>NUTR</b>	<b>5500</b>	<b>Contemporary School Nutrition</b>	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	<b>NUTR</b>	<b>5600</b>	<b>Nutrition Counseling</b>	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	<b>NUTR</b>	<b>5900</b>	<b>Special Topics in Nutrition</b>	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	<b>NUTR</b>	<b>5901</b>	<b>Food and Nutrition Sciences Senior Seminar</b>	Seminar	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>NUTR</b>	<b>5902</b>	<b>Seminar/Workshop in International Service in Food and Nutrition Sciences</b>	Seminar	3 to 6	12		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Seminar related to international service in food and nutrition sciences.								

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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	<b>NUTR</b>	<b>5903</b>	<b>Seminar in Institutional and School Nutrition Management</b>	Seminar	1 to 5	15		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Special workshops on topics related to institutional and School Nutrition management.								
HSP	AHSW	<b>NUTR</b>	<b>5904</b>	<b>Seminar in Food and Nutrition Sciences</b>	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	<b>NUTR</b>	<b>5908</b>	<b>Advanced Seminar in Food and Nutrition Sciences</b>	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	<b>NUTR</b>	<b>5909</b>	<b>Food and Nutrition Sciences Study Tour</b>	Seminar	1 to 3	12		N	G40		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	<b>NUTR</b>	<b>5920</b>	<b>Nutrition Counseling Practicum</b>	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	<b>NUTR</b>	<b>5921</b>	<b>Food and Nutrition Sciences Field Experience</b>	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	<b>NUTR</b>	<b>5930</b>	<b>Independent Study in Food and Nutrition Sciences</b>	Ind Study	1 to 6	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Independent advanced study under direction of faculty member in food and nutrition sciences.								
HSP	AHSW	<b>NUTR</b>	<b>5932</b>	<b>Independent Study in Diabetes</b>	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	<b>NUTR</b>	<b>5947</b>	<b>Studies in Food, Nutrition, and Applied Nutrition</b>	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	<b>NUTR</b>	<b>5960</b>	<b>Trends in Diabetes</b>	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	<b>NUTR</b>	<b>6200</b>	<b>Advanced Food Science</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Chemical and physical behavior of basic food constituents. Introduction to advanced food microbiological principles. Introduction to advanced food processing principles.								
HSP	AHSW	<b>NUTR</b>	<b>6250</b>	<b>Readings in Food and Nutrition Sciences</b>	Tutorial	1 to 3	9		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		Critical review of current literature in food and nutrition sciences.								
HSP	AHSW	<b>NUTR</b>	<b>6500</b>	<b>Translational Applications to Diet and Chronic Disease</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>NUTR</b>	<b>6510</b>	<b>Functional Foods and Nutraceuticals</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>NUTR</b>	<b>6520</b>	<b>Food Biotechnology</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>NUTR</b>	<b>6530</b>	<b>Gut Microbiome in Nutrition and Health</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Explores the role of the gut microbiota in nutrition and disease to help guide dietary health recommendations and interventions.								
HSP	AHSW	<b>NUTR</b>	<b>6540</b>	<b>Pediatric Nutrition</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Explores topics in pediatric nutrition with emphasis on nutrition care of children with special health care needs.								
HSP	AHSW	<b>NUTR</b>	<b>6550</b>	<b>Nutrition Trends for the Aging Population</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>NUTR</b>	<b>6600</b>	<b>Nutrition for Sports and Fitness</b>	Lecture	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F				Permission required				
		COURSE DESC:		REQUISITE: Exploration of current information available in scientific literature concerning interrelationships between dietary adequacy and physical performance.								
HSP	AHSW	<b>NUTR</b>	<b>6700</b>	<b>Advanced Nutrition Applications</b>	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: NUTR 6910 concurrent Advanced content on nutrition and diagnosis-related care and application of this knowledge to selected populations in clinical and community settings are highlighted. There is additional emphasis on conducting nutrition-focused physical assessments, creating nutrition care plans, professionalism, and ethics in nutrition practice.								
HSP	AHSW	<b>NUTR</b>	<b>6710</b>	<b>Advanced Nutrition Synthesis of Professional Practice</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: NUTR 6910 concurrent Explores complex issues related to nutrition and dietetics. Focuses on the advanced responsibilities of the practitioner; including involvement in professional organizations and the local community, public policy, and ways to continue professional development. There is additional emphasis on coding and billing and the key areas of practice including clinical, community and food service.								
HSP	AHSW	<b>NUTR</b>	<b>6750</b>	<b>Advanced Nutrition Support</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Application of current evidence-based nutrition support recommendations in the creation of evidence based nutrition care plans is highlighted. Focus is placed on following care plans throughout the treatment path - including initiation, troubleshooting problems, transitions, maintenance and weaning off nutrition support.								
HSP	AHSW	<b>NUTR</b>	<b>6900</b>	<b>Special Topics in Nutrition</b>	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	AHSW	<b>NUTR</b>	<b>6901</b>	<b>Seminar in Food and Nutrition Sciences</b>	Seminar	1 to 2	2		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE: CR, PR Research and recent developments in Food and Nutrition Sciences.								
HSP	AHSW	<b>NUTR</b>	<b>6910</b>	<b>Supervised Practice for Dietetic Interns</b>	Field	1 to 12	24		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F				Enrolled in the MS6473 program				
		COURSE DESC:		REQUISITE: Internship experiences at clinical, community and food service sites. Interns are expected to apply current research to select patient populations and demonstrate knowledge and skills commensurate with sites and completed coursework. Focuses on incorporating health and wellness experiences into all areas of practice.								
HSP	AHSW	<b>NUTR</b>	<b>6940</b>	<b>Research in Food and Nutrition Sciences</b>	Research	1 to 5	15		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,				Permission required				
		COURSE DESC:		REQUISITE: PR Independent investigation of a topic in food and nutrition sciences.								

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HSP	AHSW	<b>NUTR</b>	<b>6950</b>	<b>Thesis in Food and Nutrition Sciences</b>	Thesis	1 to 7	14		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Thesis in food and nutrition sciences. Permission required.								
HSP	AHSW	<b>T3</b>	<b>4300</b>	<b>Beyond Antioxidants: Whole Foods for Wellness Promotion</b>	Lecture	3	0	3	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Sr only								
		COURSE DESC:		This course will explore the impact of food and food components on wellness of individuals.								
HSP	AHSW	<b>T3</b>	<b>4310</b>	<b>Thomas Jefferson: Gardener and Gastronomer</b>	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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HSP	IHS	<b>HTCH</b>	<b>1000</b>	<b>Principles of Health Technology</b>	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	<b>HTCH</b>	<b>1040</b>	<b>Law and Ethics in Health Professions &amp; Technology</b>	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	<b>HTCH</b>	<b>2000</b>	<b>Topics in Health Technology</b>	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	<b>HTCH</b>	<b>2000</b>	<b>Topics in Health Technology</b>	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	<b>HTCH</b>	<b>2900</b>	<b>Special Topics in Health Technology</b>	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	<b>IHS</b>	<b>1020</b>	<b>Health Careers Opportunities Skill Enrichment</b>	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	<b>IHS</b>	<b>1100</b>	<b>Careers in Health Care</b>	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	<b>IHS</b>	<b>1200</b>	<b>Survey of Health Professions and Collaborative Healthcare</b>	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	<b>IHS</b>	<b>2112</b>	<b>Introduction to Interprofessional Education and Practice in Health Care</b>	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	<b>IHS</b>	<b>2190</b>	<b>Introduction to Immigrant &amp; Migrant Health</b>	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	<b>IHS</b>	<b>2210</b>	<b>Introduction to Global Health</b>	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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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	IHS	<b>IHS</b>	<b>2215</b>	<b>Medical Humanities: Global Health and Literature</b>	Lecture	3	0	2HL; PHTC	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>IHS</b>	<b>2220</b>	<b>Cultural Competency in Interprofessional Health Care</b>	Lecture	3	0	2CP; FIE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course focuses on ways in which the practice of the interprofessional health care team can enhance cultural competency in a health care environment. Cultural competency is approached from the standpoint and perspective of the individuals on the healthcare team as well as the team culture. Cultural competency is also approached from the standpoint and perspective of the patient with respect to cultural diversity, perceptions, and beliefs with respect to health-related issues. This course meets the College of Health Sciences and Professions interprofessional (IPE) requirement.								
HSP	IHS	<b>IHS</b>	<b>2235</b>	<b>Cross Cultural Issues in Tropical Diseases</b>	Lecture	3	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course introduces students to the concept of culture as a relevant framework for understanding human behavior in relation to health. It will focus on biological, environmental, cultural, social, and political aspects relevant to tropical diseases, including prevention, treatment and control. Finally, the course will discuss the importance of these issues in health interventions and in the design, implementation, and evaluation of health promotion projects.								
HSP	IHS	<b>IHS</b>	<b>2290</b>	<b>Global Health in Film &amp; Theater</b>	Lecture	3	0	2FA; ACSW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Using film and theater, students explore central themes within global health including ethics, cultural perspectives, poverty 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	<b>IHS</b>	<b>2820</b>	<b>Interprofessional Healthcare Through Creative Arts</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>IHS</b>	<b>2900</b>	<b>Special Topics in Health Sciences and Professions</b>	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	IHS	<b>IHS</b>	<b>2930</b>	<b>Interprofessionalism in Healthcare</b>	Ind Study	.5 to 3	3		N			0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		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	<b>IHS</b>	<b>3010</b>	<b>Spirituality in Healthcare</b>	Lecture	3	0	2CP; BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>IHS</b>	<b>3020</b>	<b>Survey of Human Disease</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
HSP	IHS	<b>IHS</b>	<b>3222</b>	<b>Comparative Health Systems</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		IHS 2210								
				Using a case-based approach, this course provides an overview and analysis of health systems in other countries and regions and the impact on health outcomes. It presents a theoretical and practical approach to understanding the functions and components of a health system and the relationships between those components as well as the main types of health systems and how systems differ across the world.								

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HSP	IHS	<b>IHS</b>	<b>3240</b>	<b>Overview of Healthcare Advocacy</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		This course provides an overview of healthcare advocacy, which includes assistance in: understanding diagnoses, prognoses, and outcomes; financing medical care; seeking medical care that meets accepted standards, informed choices (ethical issues); culturally relevant healthcare; sufficient preventative care; and links to health-related programs and services in the community, including mental health/substance abuse services.								
HSP	IHS	<b>IHS</b>	<b>3250</b>	<b>Interprofessional Health Promotion</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		An introduction to interprofessional theoretical models and clinical practices of health promotion. An emphasis is placed on taking an interprofessional approach to assess health behaviors, identifying major resources to address these behaviors, and promoting practices that will improve health and wellness. Course meets the College of Health Sciences and Professions interprofessional education (IPE) undergraduate requirement.								
HSP	IHS	<b>IHS</b>	<b>3403</b>	<b>Female Veterans' Health</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr	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	<b>IHS</b>	<b>3520</b>	<b>Research and Evidence-based Practice in Healthcare</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr	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	<b>IHS</b>	<b>3521</b>	<b>Global Health Research and Service</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: IHS 2210	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	<b>IHS</b>	<b>3600</b>	<b>Interpretations of Health and Medicine Through Literature</b>	Lecture	3	0	2HL; BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	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	<b>IHS</b>	<b>3700J</b>	<b>Writing in the Health Sciences and Professions</b>	Lecture	3	0	1J; FAW	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Jr or Sr	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	<b>IHS</b>	<b>3930</b>	<b>Global Health Capstone Preparation</b>	Ind Study	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC5: CR,								
		COURSE DESC:		REQUISITE: HSP 3521 PR, F	The purpose of the course is for students to develop a research or clinical project proposal and site selection for a global health capstone experience. Guided by a series of online modules, students will research external health experiences related to their specific area of interest, select an option, develop a plan and complete the necessary application process (through the Health Sciences Center Global Health Initiative and the Office of Education Abroad for international experiences, and through the Global Health Certificate director for U.S. experiences).							
HSP	IHS	<b>IHS</b>	<b>3934</b>	<b>Interprofessional Experiential Learning</b>	Lecture	3	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: CR	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	<b>IHS</b>	<b>3934C</b>	<b>Interprofessional Community Experience</b>	Lecture	2	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:	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)							

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>IHS</b>	<b>3935</b>	<b>Independent Study: Interdisciplinary Health Studies</b>	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	<b>IHS</b>	<b>4200</b>	<b>Foundations of Leadership in Healthcare</b>	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	<b>IHS</b>	<b>4201</b>	<b>Quality, Safety and Service in Healthcare Leadership</b>	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	<b>IHS</b>	<b>4202</b>	<b>Financial Innovation and Growth Strategies in Healthcare</b>	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	<b>IHS</b>	<b>4245</b>	<b>Vulnerable Populations in Healthcare</b>	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	<b>IHS</b>	<b>4246</b>	<b>Identifying Abuse in a Healthcare Setting</b>	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	<b>IHS</b>	<b>4303</b>	<b>Secondary data analysis in global health and development</b>	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	<b>IHS</b>	<b>4303</b>	<b>Secondary data analysis in global health and development</b>	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.								
HSP	IHS	<b>IHS</b>	<b>4350</b>	<b>The Impact of Social Determinants on Health Outcomes</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	<b>IHS</b>	<b>4400</b>	<b>Veterans Health: United States Military Culture and History</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		Emphasize the importance of healthcare providers understanding of military culture and history, in order to be effective providers for this population.								
HSP	IHS	<b>IHS</b>	<b>4404</b>	<b>LGBTQ+ Veterans and Healthcare</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		Explores the unique challenges the LGBTQ+ veteran may face navigating the healthcare system.								

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HSP	IHS	<b>IHS</b>	<b>4430</b>	<b>Working on an Interprofessional Healthcare Team</b> GEC1: A-F 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.	Lecture	3	0	3; CAP	N	U30		0
HSP	IHS	<b>IHS</b>	<b>4447</b>	<b>Critical Thinking and Reasoning in Clinical Problem Solving</b> GEC1: A-F 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.	Lecture	3	0	3; CAP	N	U30		0
HSP	IHS	<b>IHS</b>	<b>4510</b>	<b>Interprofessional Health Care in Rural/Underserved Populations</b> GEC1: A-F 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.	Lecture	1 to 3	3		N	U30		0
HSP	IHS	<b>IHS</b>	<b>4514</b>	<b>Professional and Clinical Ethics for the Health Professions</b> GEC1: A-F 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.	Lecture	3	0	BER	N	U30		0
HSP	IHS	<b>IHS</b>	<b>4518</b>	<b>Interprofessional Grand Rounds</b> GEC1: A-F 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.	Seminar	1 to 3	3		N	U30		0
HSP	IHS	<b>IHS</b>	<b>4710</b>	<b>Health Systems Strengthening in a Global Setting</b> GEC1: A-F 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.	Lecture	3	0		N	U30		0
HSP	IHS	<b>IHS</b>	<b>4900</b>	<b>Special Topics in Health Sciences and Professions</b> GEC1: A-F REQUISITE: Course focuses on a special or current topic in health sciences and professions.	Lecture	1 to 3	12		N	U30		0
HSP	IHS	<b>IHS</b>	<b>4910</b>	<b>Global Health Capstone Experience</b> GEC1: A-F 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.	Internship	2	0		N	U30		0
HSP	IHS	<b>IHS</b>	<b>5020</b>	<b>Survey of Human Disease</b> GEC1: A-F 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.	Lecture	3	0		N	G40		0
HSP	IHS	<b>IHS</b>	<b>5200</b>	<b>Foundations of Leadership in Healthcare</b> GEC1: A-F 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.	Lecture	3	0		N	G40		0
HSP	IHS	<b>IHS</b>	<b>5201</b>	<b>Quality, Safety and Service in Healthcare Leadership</b> GEC2: A-F, REQUISITE: PR This course examines the issues related to the leaders role in developing and executing quality, safety and service and the interdependence of these strategies on outcomes in healthcare.	Lecture	3	0		N	G40		0

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HSP	IHS	<b>IHS</b>	<b>5202</b>	<b>Financial Innovation and Growth Strategies in Healthcare</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		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	<b>IHS</b>	<b>5203</b>	<b>Strategies for Leading People in Healthcare</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: IHS 5200 PR								
		COURSE DESC:		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	<b>IHS</b>	<b>5204</b>	<b>Advanced Healthcare Leadership</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		This course examines the competencies required for leaders in contemporary and future healthcare organizations including an understanding of matrix organizations, change leadership, negotiation/conflict management and the requisite skills for structured thought and communication.								
HSP	IHS	<b>IHS</b>	<b>5210</b>	<b>Fundamentals of Global Health</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course will provide a comprehensive overview of health and healthcare from a global perspective. The course will explore measurement of population health, global burden of disease, comparative health systems, communicable and non-communicable disease, and socioeconomic factors in health. Throughout the course, students will be encouraged to critically evaluate determinants of health and health interventions.								
HSP	IHS	<b>IHS</b>	<b>5220</b>	<b>Graduate Seminar in Appalachian Studies</b>	Seminar	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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	<b>IHS</b>	<b>5222</b>	<b>Comparative Health Systems</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	<b>IHS</b>	<b>5240</b>	<b>Overview of Healthcare Advocacy</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course provides an overview of healthcare advocacy, which includes assistance in: understanding diagnoses, prognoses, and outcomes; financing medical care; seeking medical care that meets accepted standards, informed choices (ethical issues); culturally relevant healthcare; sufficient preventative care; and links to health-related programs and services in the community, including mental health/substance abuse services.								
HSP	IHS	<b>IHS</b>	<b>5245</b>	<b>Vulnerable Populations in Healthcare</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		The social, emotional, and psychological considerations of vulnerable populations in healthcare are addressed. Vulnerable populations, groups that are not well integrated into the healthcare system, are often identified by ethnic, cultural, economic, geographic, or health characteristics.								
HSP	IHS	<b>IHS</b>	<b>5246</b>	<b>Identifying Abuse in a Healthcare Setting</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	<b>IHS</b>	<b>5250</b>	<b>Interprofessional Health Promotion</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		An introduction to interprofessional theoretical models and clinical practices of health promotion. An emphasis is placed on taking an interprofessional approach to assess health behaviors, identifying major resources to address these behaviors, and promoting practices that will improve health and wellness. Course meets the College of Health Sciences and Professions interprofessional education (IPE) undergraduate requirement.								
HSP	IHS	<b>IHS</b>	<b>5300</b>	<b>Fundamental Health Policy: Concepts, Components and Systems</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Exploring health policy from a systematic approach; linking public health and healthcare issues to policy processes. Examination of policy formation, individuals, organizations, and systems involved in this processes; in relation to various issues in population health, health promotion, and healthcare delivery.								

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HSP	IHS	<b>IHS</b>	<b>5301</b>	<b>The Health Policy Making Process</b>	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	<b>IHS</b>	<b>5302</b>	<b>Health Policy: Current Issues, Trends and Emerging Topics</b>	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	<b>IHS</b>	<b>5303</b>	<b>Secondary data analysis in global health and development</b>	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	<b>IHS</b>	<b>5303</b>	<b>Secondary data analysis in global health and development</b>	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	<b>IHS</b>	<b>5350</b>	<b>The Impact of Social Determinants on Health Outcomes</b>	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	<b>IHS</b>	<b>5400</b>	<b>Veterans Health: United States Military Culture and History</b>	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	<b>IHS</b>	<b>5401</b>	<b>Diseases and Conditions in Veterans: Prevalence, Diagnosis, and Treatment</b>	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	<b>IHS</b>	<b>5402</b>	<b>Veterans Affairs System: Healthcare Perspectives</b>	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.								
HSP	IHS	<b>IHS</b>	<b>5403</b>	<b>Female Veterans' Health</b>	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	<b>IHS</b>	<b>5404</b>	<b>LGBTQ+ Veterans and Healthcare</b>	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	<b>IHS</b>	<b>5447</b>	<b>Critical Thinking and Reasoning in Clinical Problem Solving</b>	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.								

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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	<b>IHS</b>	<b>5510</b>	<b>Interprofessional Health Care in Rural/Underserved Populations</b> GEC1: A-F REQUISITE: Permission required COURSE DESC: Explores interprofessional health care education and practice with emphasis on rural/underserved populations. Course credit may be applied to the College of Health Sciences and Professions interprofessional education (IPE) requirement for undergraduate students.	Lecture	1 to 3	3		N	G40		0
HSP	IHS	<b>IHS</b>	<b>5511</b>	<b>Health Care Financing for the Health Professions</b> GEC1: A-F REQUISITE: Permission required COURSE DESC: Addresses questions about interprofessional health care delivery and payment. Identifies public and private health care financing models and administrative approaches to maximizing health care quality, cost-effectiveness, and value.	Lecture	1 to 3	3		I	G40		0
HSP	IHS	<b>IHS</b>	<b>5512</b>	<b>U.S. Health Care Systems and Policy for the Health Professions</b> GEC1: A-F REQUISITE: Permission required COURSE DESC: Explores the U.S. health care system including the history of health care delivery, social and economic forces impacting health care delivery, patterns of health care coverage, access to health care, state and federal health care policy, and policy proposals for enhancing health care delivery.	Lecture	1 to 3	3		I	G40		0
HSP	IHS	<b>IHS</b>	<b>5513</b>	<b>Health Informatics for the Health Professions</b> GEC1: A-F REQUISITE: COURSE DESC: Informs health professions students about the application of technology and the management of health information across and among health care professions.	Lecture	3	0		N	G40		0
HSP	IHS	<b>IHS</b>	<b>5514</b>	<b>Professional and Clinical Ethics for the Health Professions</b> GEC1: A-F REQUISITE: COURSE DESC: Introduces clinical (patient-centered) ethical decision-making in the context of professional codes and principles of ethics, and demonstrates the application of ethics to practical issues arising in daily practice with patients and families. 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.	Lecture	3	0		N	G40		0
HSP	IHS	<b>IHS</b>	<b>5515</b>	<b>Patient and Family Care and Counseling for the Health Professions</b> GEC1: A-F REQUISITE: Permission required COURSE DESC: Focuses on aspects of patient and family care and counseling across and among health care professions. Both patient-centered and family-level interventions explored.	Lecture	1 to 3	3		I	G40		0
HSP	IHS	<b>IHS</b>	<b>5516</b>	<b>Responsible Conduct of Research for Student Investigators</b> GEC1: A-F REQUISITE: Permission required COURSE DESC: Explores the responsible conduct of research domains, illustrates research misconduct and other ethical breaches using actual and hypothetical cases, and describes best practices for conducting science with integrity.	Lecture	1 to 3	3		I	G40		0
HSP	IHS	<b>IHS</b>	<b>5517</b>	<b>Legal Issues for the Health Professions</b> GEC1: A-F REQUISITE: Permission required COURSE DESC: Explores the structure of the U.S. legal system, describes regulations and caselaw applicable to the health professions, analyzes the law regarding misconduct that may result in professional, financial, or criminal penalties, and applies the law to issues that arise in professional practice.	Lecture	1 to 3	3		I	G40		0
HSP	IHS	<b>IHS</b>	<b>5518</b>	<b>Interprofessional Grand Rounds</b> GEC1: A-F REQUISITE: Permission required COURSE DESC: Analyzes complex medical cases involving a variety of health professions, builds on the expertise of each respective discipline, encourages interprofessional decision-making, and demonstrates consensus-building in a grand rounds forum. Emphasis on optimal patient-centered clinical interventions, including preventive, diagnostic, rehabilitative, and palliative. Course credit may be applied to the College of Health Sciences and Professions interprofessional education (IPE) undergraduate requirement.	Seminar	1 to 3	3		N	G40		0
HSP	IHS	<b>IHS</b>	<b>5520</b>	<b>Research and Evidence-based Practice in Healthcare</b> 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.	Lecture	3	0		N	G40		0
HSP	IHS	<b>IHS</b>	<b>5521</b>	<b>Global Health Research and Service</b> 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.	Lecture	3	0		N	G40		0



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HSP	IHS	<b>IHS</b>	<b>5710</b>	<b>Health Systems Strengthening in a Global Setting</b>	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	<b>IHS</b>	<b>5900</b>	<b>Special Topics in Health Sciences and Professions</b>	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	<b>IHS</b>	<b>5931</b>	<b>Global Health Capstone 1</b>	Ind Study	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, 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	<b>IHS</b>	<b>5932</b>	<b>Global Health Capstone 2</b>	Ind Study	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC5: CR, 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	<b>IHS</b>	<b>5934</b>	<b>Interprofessional Experiential Learning</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR 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	<b>IHS</b>	<b>5935</b>	<b>Independent Study: Interdisciplinary Health Studies</b>	Ind Study	1 to 6	6		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR This course is intended for students to study and/or do research in selected fields related to the Department of Interdisciplinary Health Studies' certificates or majors under the direction of a Department affiliated faculty member.								
HSP	IHS	<b>IHS</b>	<b>6190</b>	<b>Global Migration Health of Displaced Peoples</b>	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.								
HSP	IHS	<b>IHS</b>	<b>6210</b>	<b>Globalization &amp; Health</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Explores the impact of globalization on emerging global diseases and trends, especially those impacted by migration, disasters, economics, policy, and changing life styles. The course employs a case-based approach to explore the rapidly changing health needs of countries throughout the world and the policies, practices, and organizations put in place to meet those needs.								
HSP	IHS	<b>IHS</b>	<b>6212</b>	<b>Culture and Health</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course focuses on the influence of culture on health and wellness to provide students, in the healthcare and social service professions, with the tools needed to work with culturally diverse populations.								
HSP	IHS	<b>IHS</b>	<b>6230</b>	<b>Global Reproductive Health: Exploring Culture and Reproduction in a Global World</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		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.								

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HSP	IHS	<b>IHS</b>	<b>6280</b>	<b>Integrated Health Studies Capstone</b>	Seminar	3	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		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	<b>IHS</b>	<b>6301</b>	<b>Perfusion Theory I</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Introduces students to cardiac anatomy and physiology associated with cardiopulmonary bypass.								
HSP	IHS	<b>IHS</b>	<b>6302</b>	<b>Perfusion Circuit</b>	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>IHS</b>	<b>6355</b>	<b>Services and Programs for Older Adults</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>IHS</b>	<b>6356</b>	<b>Caregiving and Coordinated Care for Older Adults</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>IHS</b>	<b>6523</b>	<b>Technology &amp; Innovations in Global Health</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	IHS 5210						
		COURSE DESC:		This course introduces students to the importance of developing innovative approaches to complex issues utilizing a culturally appropriate, community-based process. Students discuss and evaluate funding mechanisms, resource availability and community partnership as well as ethical issues of introducing technologies in resource-poor settings.								
HSP	IHS	<b>IHS</b>	<b>6801</b>	<b>Health Information Systems and Applications</b>	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	<b>IHS</b>	<b>6803</b>	<b>Program Planning and Evaluation in Healthcare</b>	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	<b>IHS</b>	<b>6921</b>	<b>Perfusion Practicum I</b>	Practicum	4	0		N			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	<b>IHS</b>	<b>6931</b>	<b>Masters in Global Health Scholarly Project 1</b>	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	<b>IHS</b>	<b>6932</b>	<b>Masters of Global Health Scholarly Project 2</b>	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	<b>MAT</b>	<b>1010</b>	<b>Introduction to Medical Assisting</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Introduction to the career of medical assisting. Topics included are the roles and responsibilities of a medical assistant; an overview of the medical assisting profession and its credentialing; the safety, health, and liability issues in this profession; the professional behaviors required; and the communication skills and interpersonal relationships necessary for the medical assisting field.								

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HSP	IHS	<b>MAT</b>	<b>1210</b>	<b>Electronic Medical Assisting Technologies</b>	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	<b>MAT</b>	<b>1210</b>	<b>Electronic Medical Assisting Technologies</b>	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	<b>MAT</b>	<b>1400</b>	<b>Medical Terminology for the Medical Assistant</b>	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	<b>MAT</b>	<b>1700</b>	<b>Administrative Medical Assisting Techniques I</b>	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	<b>MAT</b>	<b>1700</b>	<b>Administrative Medical Assisting Techniques I</b>	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	<b>MAT</b>	<b>2000</b>	<b>Pharmacology and Disease Processes in Medical Assisting</b>	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	<b>MAT</b>	<b>2010</b>	<b>Clinical Medical Assisting Techniques I</b>	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	<b>MAT</b>	<b>2010</b>	<b>Clinical Medical Assisting Techniques I</b>	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	<b>MAT</b>	<b>2020</b>	<b>Clinical Medical Assisting Techniques II</b>	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	<b>MAT</b>	<b>2020</b>	<b>Clinical Medical Assisting Techniques II</b>	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.								
HSP	IHS	<b>MAT</b>	<b>2100</b>	<b>Law and Ethics for Medical Assisting</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in ((MAT 1010 or 101) and 1700 and 2010) and Sophomore or higher Introduction to law and ethics as they apply to allied health fields and medical assisting. Topics include scope of practice, professional liability and medical malpractice, medical records and informed consent, medical ethics, documentation and reporting, standard of care, governmental legislation and regulation, HIPAA, Patient's Bill of Rights, and legal, ethical, and moral behaviors.								

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HSP	IHS	<b>MAT</b>	<b>2300</b>	<b>Administrative Medical Assisting Techniques II</b>	Laboratory	4	0		I	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Permission required Theory and application of skills necessary to process managed care/insurance in the ambulatory health care setting. Covers topics such as, managed care health insurance plans, procedural and diagnostic coding, insurance claim processing, managed care billing with computers, community resources for health care, and protective practices in the administrative setting. Suggested prerequisites: MAT 1010, 1400, & 1700 (grades of C or better); required immunizations; first aid & provider-level certifications; OTEC 1210, permission.								
HSP	IHS	<b>MAT</b>	<b>2300</b>	<b>Administrative Medical Assisting Techniques II</b>	Lecture	4	0		I	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Permission required Theory and application of skills necessary to process managed care/insurance in the ambulatory health care setting. Covers topics such as, managed care health insurance plans, procedural and diagnostic coding, insurance claim processing, managed care billing with computers, community resources for health care, and protective practices in the administrative setting. Suggested prerequisites: MAT 1010, 1400, & 1700 (grades of C or better); required immunizations; first aid & provider-level certifications; OTEC 1210, permission.								
HSP	IHS	<b>MAT</b>	<b>2900</b>	<b>Special Topics in Medical Assisting Technology</b>	Seminar	1 to 4	4		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, CR								
		COURSE DESC:		REQUISITE: C or better in MAT 1010 or 101 Special topics current and relevant to the medical assisting field.								
HSP	IHS	<b>MAT</b>	<b>2920</b>	<b>Practicum</b>	Practicum	3	0	BLD	I	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Permission required and C or better in (MAT 2020 and 2100 and 2300) and MAT major and immunizations and first aid and provider-level CPR and background checks Practicum as a medical assistant in a supervised unpaid clinical experience. Student performs administrative and clinical procedures and develops professional attitudes and behaviors in an ambulatory care setting. Student works 210 hours during the semester enrolled. Required to meet once a week in the classroom setting with the practicum coordinator; with weekly assignments on required medical assisting topics as well as preparation for the Certified Medical Assistant [CMA (AAMA)] exam.								
HSP	IHS	<b>MAT</b>	<b>2930</b>	<b>Independent Study</b>	Ind Study	1 to 3	6		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F, CR								
		COURSE DESC:		REQUISITE: MAT 1010 or 101 Independent study of a particular topic pertinent to medical assisting under the direction of a faculty member.								

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HSP	NRSE	<b>NRSE</b>	<b>1111</b>	<b>Clinical Judgment I</b>	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	<b>NRSE</b>	<b>2111</b>	<b>Clinical Judgment II</b>	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	<b>NRSE</b>	<b>2121</b>	<b>Pathophysiology</b>	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	<b>NRSE</b>	<b>2211</b>	<b>Clinical Judgment III</b>	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	<b>NRSE</b>	<b>2221</b>	<b>Foundations of Nursing Practice</b>	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	<b>NRSE</b>	<b>2221</b>	<b>Foundations of Nursing Practice</b>	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	<b>NRSE</b>	<b>2221</b>	<b>Foundations of Nursing Practice</b>	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	<b>NRSE</b>	<b>2231</b>	<b>Health Assessment</b>	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	<b>NRSE</b>	<b>2231</b>	<b>Health Assessment</b>	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	<b>NRSE</b>	<b>2241</b>	<b>Pharmacology in Nursing</b>	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	<b>NRSE</b>	<b>2420</b>	<b>One Health: Intersection of People, Animals and the Environment</b>	Lecture	3	0	2AS	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Students analyze and assess the interconnectedness between human, animal and environmental health utilizing an interprofessional approach. Students develop an understanding of One Health and its importance at the local, national and global levels and apply concepts from environment (earth/environmental science), animal health (zoology) and human health (biology) to complex global health issues. The interprofessional approach recognizes that the health of humans, animals and ecosystems are interconnected and that only through cross-discipline, cross-sectorial collaboration can we effectively address risks affecting humans and animals. This course satisfies the College of Health Sciences and Professions interprofessional education requirement								

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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	<b>NRSE</b>	<b>2900</b>	<b>Special Topics in Nursing</b>	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	NRSE	<b>NRSE</b>	<b>3111</b>	<b>Clinical Judgment IV</b>	Seminar	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: NRSE 2211 and 2221 and 2231 and 2241 and WARNING: No credit for both this course and the following (always deduct credit for the first course taken): NRSE 3110								
		COURSE DESC:		Focuses on the continuation of the clinical judgment series and emphasizes the role of professional organizations in the quality of health care delivered. Includes an introduction to collaboration and interdisciplinary health care teams.								
HSP	NRSE	<b>NRSE</b>	<b>3120</b>	<b>Professional Topics: Ethics, Diversity, and Gerontology</b>	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	<b>NRSE</b>	<b>3131</b>	<b>Nursing Care of Adults I</b>	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	<b>NRSE</b>	<b>3131</b>	<b>Nursing Care of Adults I</b>	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	<b>NRSE</b>	<b>3131</b>	<b>Nursing Care of Adults I</b>	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	<b>NRSE</b>	<b>3141</b>	<b>Mental Health Nursing</b>	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	<b>NRSE</b>	<b>3141</b>	<b>Mental Health Nursing</b>	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	<b>NRSE</b>	<b>3211</b>	<b>Clinical Judgment V</b>	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	<b>NRSE</b>	<b>3231</b>	<b>Nursing Care of Adults II</b>	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	<b>NRSE</b>	<b>3231</b>	<b>Nursing Care of Adults II</b>	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	<b>NRSE</b>	<b>3231</b>	<b>Nursing Care of Adults II</b>	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.								

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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	<b>NRSE</b>	<b>3251</b>	<b>Evidence-Based Nursing Practice</b>	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.								
HSP	NRSE	<b>NRSE</b>	<b>3251A</b>	<b>Honors Experience: Evidence-Based Nursing Practice</b>	Ind Study	0	0		N			0
		ELIGIBLE GRADES:		GEC7: CR, F,	REQUISITE:	NRSE 3251 concurrently and Ohio Honors student						
		COURSE DESC:		OHIO Honors curricular experience in Evidence-Based Nursing Practice.								
HSP	NRSE	<b>NRSE</b>	<b>3510</b>	<b>Ethical Reasoning in the Health Professions</b>	Lecture	1	0	BER	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
HSP	NRSE	<b>NRSE</b>	<b>3520</b>	<b>Oral Communication in the Healthcare Professions</b>	Lecture	1	0	BSL	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
HSP	NRSE	<b>NRSE</b>	<b>3530</b>	<b>Cultural Diversity and Health Disparity: Diversity and practice</b>	Lecture	1	0	BDP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
HSP	NRSE	<b>NRSE</b>	<b>3540</b>	<b>Poverty and Food Insecurity: A Learning and Doing Course for Health Professionals</b>	Lecture	1	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
HSP	NRSE	<b>NRSE</b>	<b>3700J</b>	<b>Writing for Nursing and Health Care Professions</b>	Lecture	3	0	1J; FAW	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	ENG 1510 and (Jr or Sr)						
		COURSE DESC:		Provides technical written communications skills. Writing tasks provide students with the knowledge, skills, and attitudes necessary for written communication in formats and subject areas common in nursing and health practice.								
HSP	NRSE	<b>NRSE</b>	<b>4110</b>	<b>Clinical Judgment VI</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NRSE 3210 and 3230						
		COURSE DESC:		Focuses on use of information systems and application of patient care technology in support of health care delivery. Topics include law and ethics in use of health care information systems and connections between informatics and evidence-based practice.								
HSP	NRSE	<b>NRSE</b>	<b>4121</b>	<b>Management and Leadership in Nursing</b>	Lecture	2	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NRSE 3211 and 3231						
		COURSE DESC:		Focuses on leadership and management in health related organizations. Covers administrative issues in health-related services with an emphasis on developing organizational strategies for effective interaction of nursing, medical, allied health, and administrative staff.								
HSP	NRSE	<b>NRSE</b>	<b>4141</b>	<b>Nursing Care of Children and Families</b>	Clinical	6	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NRSE 3211 and 3231						
		COURSE DESC:		Focuses on the obstetrical client, pediatric client and family, and women's health issues. Topics include the relationship between expected development and health status, major health concerns affecting health of women, and obstetrical care.								
HSP	NRSE	<b>NRSE</b>	<b>4141</b>	<b>Nursing Care of Children and Families</b>	Laboratory	6	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NRSE 3211 and 3231						
		COURSE DESC:		Focuses on the obstetrical client, pediatric client and family, and women's health issues. Topics include the relationship between expected development and health status, major health concerns affecting health of women, and obstetrical care.								
HSP	NRSE	<b>NRSE</b>	<b>4141</b>	<b>Nursing Care of Children and Families</b>	Lecture	6	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	NRSE 3211 and 3231						
		COURSE DESC:		Focuses on the obstetrical client, pediatric client and family, and women's health issues. Topics include the relationship between expected development and health status, major health concerns affecting health of women, and obstetrical care.								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	NRSE	4151	<b>Nursing Care of Populations: Family and Community</b> 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.	Clinical	4	0		N	U30		0
HSP	NRSE	NRSE	4151	<b>Nursing Care of Populations: Family and Community</b> 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.	Lecture	4	0		N	U30		0
HSP	NRSE	NRSE	4211	<b>Clinical Judgment VI</b> 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.	Lecture	2	0		N	U30		0
HSP	NRSE	NRSE	4211A	<b>Honors Experience: Clinical Judgement VI</b> GEC7: CR, F, REQUISITE: NRSE 4211 concurrently and Ohio Honors student NC COURSE DESC: OHIO Honors curricular experience in Clinical Judgment VI	Ind Study	0	0		N			0
HSP	NRSE	NRSE	4401	<b>Professional Practice in Nursing</b> 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.	Clinical	8	0		N	U30		0
HSP	NRSE	NRSE	4401	<b>Professional Practice in Nursing</b> 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.	Laboratory	8	0		N	U30		0
HSP	NRSE	NRSE	4401	<b>Professional Practice in Nursing</b> 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.	Lecture	8	0		N	U30		0
HSP	NRSE	NRSE	4510	<b>Professional Nursing Practice</b> 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.	Seminar	4	0	BER; BSL	N	U30		0
HSP	NRSE	NRSE	4520	<b>Health Assessment and Promotion</b> 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.	Lecture	4	0		N	U30		0
HSP	NRSE	NRSE	4530	<b>Family Nursing</b> 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.	Lecture	3	0		N	U30		0
HSP	NRSE	NRSE	4540	<b>Community Health Nursing</b> 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.	Seminar	4	0		N	U30		0



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HSP	NRSE	<b>NRSE</b>	<b>4541</b>	<b>Public Health Nursing Clinical</b>	Clinical	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: NRSE 4540 or concurrent								
		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	<b>NRSE</b>	<b>4550</b>	<b>Evidence-Based Nursing Practice</b>	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	<b>NRSE</b>	<b>4560</b>	<b>Gerontologic Nursing Care</b>	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	<b>NRSE</b>	<b>4570</b>	<b>Diversity</b>	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	<b>NRSE</b>	<b>4580</b>	<b>Leadership in Nursing</b>	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	<b>NRSE</b>	<b>4600</b>	<b>Nursing Excellence</b>	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	<b>NRSE</b>	<b>4600</b>	<b>Nursing Excellence</b>	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	<b>NRSE</b>	<b>4710</b>	<b>Introduction to School Nursing</b>	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	<b>NRSE</b>	<b>4740</b>	<b>School Nurse Capstone</b>	Clinical	5	0		N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: NRSE 4710 and Licensed RN and malpractice insurance								
		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.								
HSP	NRSE	<b>NRSE</b>	<b>4741</b>	<b>Caring for Children with Special Needs in the School Setting</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		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.								

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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	<b>NRSE</b>	<b>4900</b>	<b>Special Topics in Nursing</b>	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	NRSE	<b>NRSE</b>	<b>4901</b>	<b>Clinical Issues: Human Sexuality</b>	Seminar	1 to 4	0		N	U30		0
		ELIGIBLE GRADES:		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.								
HSP	NRSE	<b>NRSE</b>	<b>6010</b>	<b>Theoretical Basis of Practice</b>	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		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.								
HSP	NRSE	<b>NRSE</b>	<b>6011</b>	<b>Foundations for Nurse Educators</b>	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		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.								
HSP	NRSE	<b>NRSE</b>	<b>6020</b>	<b>Theories in Family Care</b>	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		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.								
HSP	NRSE	<b>NRSE</b>	<b>6021</b>	<b>Assessment and Intervention for Families</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		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.								
HSP	NRSE	<b>NRSE</b>	<b>6023</b>	<b>Assessment and Intervention in Critical Care</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		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.								
HSP	NRSE	<b>NRSE</b>	<b>6110</b>	<b>Research and Evaluation in Nursing</b>	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		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.								
HSP	NRSE	<b>NRSE</b>	<b>6120</b>	<b>Evidence-Based Practice in Nursing</b>	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		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.								
HSP	NRSE	<b>NRSE</b>	<b>6210</b>	<b>Advanced Pathophysiology in Nursing Practice</b>	Lecture	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (NRSE 6010 or 6411 or 7802) or concurrent								
		COURSE DESC:		Focuses on analysis of concepts of physiology and pathophysiology and relationship to nursing interventions across lifespan of humans at the advanced practice level.								
HSP	NRSE	<b>NRSE</b>	<b>6211</b>	<b>Advanced Pharmacology and Pathophysiology for Nurse Educators</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		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.								
HSP	NRSE	<b>NRSE</b>	<b>6212</b>	<b>Project Planning and Evaluation for Advanced Nursing Practice</b>	Clinical	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Focuses on project planning, implementation and evaluation in a healthcare setting. Includes analysis of processes required to manage and develop a project team from a nursing administrative perspective. Examines outcome metrics related to project value and dissemination. This course includes integrative immersion experiences outside of class time related to project planning in the healthcare setting.								

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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	6212	<b>Project Planning and Evaluation for Advanced Nursing Practice</b> 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	<b>Advanced Health Appraisal</b> 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	<b>Advanced Health Appraisal</b> 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	<b>Health Appraisal for Nurse Practitioners</b> 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	<b>Health Appraisal for Nurse Practitioners</b> 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	<b>Advanced Pharmacology</b> 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	<b>Applied Clinical Pharmacology for the AGACNP</b> 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	<b>Advanced Diagnostics and Procedures for Clinical Decision-Making</b> 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	<b>Advanced Diagnostics and Procedures for Clinical Decision-Making</b> 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	<b>Acute Care Nurse Practitioner</b> 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	<b>Family Assessment and Intervention</b> 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
HSP	NRSE	NRSE	6411	<b>Neurobiological and Theoretical Bases for Psychiatric Mental Health in Advanced Nursing Practice</b> 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

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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	6412	<b>Psychotherapeutic Treatment Modalities for Advanced Nursing Practice</b> 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	<b>Assessment &amp; Management of Mental Health Disorders for Advanced Nursing Practice I</b> 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	<b>Assessment and Management of Mental Health Disorders for Advanced Nursing Practice II</b> 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	<b>Curriculum Development in Nursing</b> 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	<b>Teaching Strategies in Nursing</b> 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	<b>Instructional Strategies for the Nurse Educator</b> 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	<b>Educational Design, Assessment and Evaluation for Nurse Educators</b> 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	<b>Academic Nursing</b> 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	<b>Nursing Administration</b> 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	<b>FNP Practicum for Post-Master's Certificate</b> 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
HSP	NRSE	NRSE	6720	<b>FNP Practicum for Post-Master's Certificate</b> 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.	Seminar	5	0		N	G40		0

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HSP	NRSE	NRSE	6721	<b>AGACNP Practicum for post-Master's Certificate</b> GEC1: A-F REQUISITE: NRSE 6827 The focus of this course is on synthesis of theory and implementation of the role of the adult-gerontology acute care nurse practitioner (AGACNP) 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	<b>AGACNP Practicum for post-Master's Certificate</b> GEC1: A-F REQUISITE: NRSE 6827 The focus of this course is on synthesis of theory and implementation of the role of the adult-gerontology acute care nurse practitioner (AGACNP) 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	<b>Leadership in Systems and Organizations for Advanced Nursing Practice</b> GEC1: A-F REQUISITE: 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	<b>Health Policy and Advocacy for Advanced Nursing Practice</b> GEC1: A-F REQUISITE: 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	<b>Principles of Business and Resource Management for Advanced Nursing Practice</b> GEC1: A-F REQUISITE: 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	<b>Analysis of Evidence-based Practice for Advanced Nursing Practice</b> GEC1: A-F REQUISITE: NRSE 6010 or 6411 or 7802 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	<b>Informatics for Advanced Nursing Practice</b> GEC1: A-F REQUISITE: 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	<b>Advanced Maternal &amp; Child Care</b> GEC1: A-F REQUISITE: NRSE 6221 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	<b>Advanced Maternal &amp; Child Care</b> GEC1: A-F REQUISITE: NRSE 6221 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	<b>Primary Care of Adults and Older Adults</b> GEC1: A-F REQUISITE: NRSE 6820 This course focuses on advanced nursing knowledge, skills, and experiences related to adult/older adult health issues required by nurse practitioners. Attention is given to assessment, diagnosis, and interventions relevant to developmental, physical, and psychosocial health issues of adults/older adults.	Clinical	8	16		N	G40		0
HSP	NRSE	NRSE	6821	<b>Primary Care of Adults and Older Adults</b> GEC1: A-F REQUISITE: NRSE 6820 This course focuses on advanced nursing knowledge, skills, and experiences related to adult/older adult health issues required by nurse practitioners. Attention is given to assessment, diagnosis, and interventions relevant to developmental, physical, and psychosocial health issues of adults/older adults.	Lecture	8	16		N	G40		0

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HSP	NRSE	NRSE	6822	<b>Family Nurse Practitioner in Primary Care Practice</b> GEC1: A-F REQUISITE: NRSE 6821 This course focuses on application of advanced assessment, diagnostic, and intervention skills in a clinical practice environment for nurse practitioners. Emphasis is placed on achieving clinical competence in the advanced practice nursing role with individuals and their families across the lifespan and developing the role of the nurse practitioner in collaboration with other health care practitioners.	Clinical	7	0		N	G40		0
HSP	NRSE	NRSE	6822	<b>Family Nurse Practitioner in Primary Care Practice</b> GEC1: A-F REQUISITE: NRSE 6821 This course focuses on application of advanced assessment, diagnostic, and intervention skills in a clinical practice environment for nurse practitioners. Emphasis is placed on achieving clinical competence in the advanced practice nursing role with individuals and their families across the lifespan and developing the role of the nurse practitioner in collaboration with other health care practitioners.	Seminar	7	0		N	G40		0
HSP	NRSE	NRSE	6823	<b>Psychiatric Mental Health Practicum for Advanced Nursing Practice I</b> GEC1: A-F REQUISITE: NRSE 6412 This is the first of three practicum courses for the psychiatric mental health nurse practitioner student. The focus is on the application of the various psychotherapeutic modalities employed by advanced nursing practice throughout the lifespan. Covers cognitive behavior therapy, dialectical behavior therapy, motivational interviewing, group, and individual therapy methods. Includes experience in relationship building with patients, and working with other professionals.	Practicum	2	0		N	G40		0
HSP	NRSE	NRSE	6824	<b>Psychiatric Mental Health Practicum for Advanced Nursing Practice II</b> GEC1: A-F REQUISITE: NRSE 6413 and 6414 and 6823 This is the second of three practicum courses for the psychiatric mental health nurse practitioner. The focus is on the assessment, diagnosis and evidence based therapeutic interventions for mental health disorders throughout the lifespan. This course includes planning, implementing, and evaluating interventions with individuals, groups, and families throughout the lifespan. Students gain experience in the application of psychotherapeutic modalities and psychopharmacological treatments in both inpatient and community settings.	Lecture	3	0		N	G40		0
HSP	NRSE	NRSE	6825	<b>Psychiatric Mental Health Practicum for Advanced Nursing Practice III</b> GEC1: A-F REQUISITE: NRSE 6824 This is the third of three practicum courses for the psychiatric mental health nurse practitioner student. The focus continues to be on the assessment, diagnosis and evidence based therapeutic interventions for psychiatric mental health disorders throughout the lifespan. The student continues to plan, implement, evaluate, and revise interventions with individuals, groups, and families throughout the lifespan with emphasis on clinical competencies for the entry level psychiatric mental health nurse practitioner.	Lecture	3	6		N	G40		0
HSP	NRSE	NRSE	6826	<b>AGACNP Management of Common Adult Health Problems I</b> GEC1: A-F 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	<b>AGACNP Management of Common Adult Health Problems I</b> GEC1: A-F 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	<b>AGACNP Management of Common Adult Health Problems II</b> GEC1: A-F 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	<b>AGACNP Management of Common Adult Health Problems II</b> GEC1: A-F 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

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HSP	NRSE	<b>NRSE</b>	<b>6828</b>	<b>AGACNP in Practice</b>	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	<b>NRSE</b>	<b>6828</b>	<b>AGACNP in Practice</b>	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	<b>NRSE</b>	<b>6829</b>	<b>Nurse Leaders in Practice</b>	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	<b>NRSE</b>	<b>6830</b>	<b>Family Nurse Practitioner: Primary Care I</b>	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	<b>NRSE</b>	<b>6830</b>	<b>Family Nurse Practitioner: Primary Care I</b>	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	<b>NRSE</b>	<b>6831</b>	<b>Family Nurse Practitioner: Primary Care II</b>	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	<b>NRSE</b>	<b>6831</b>	<b>Family Nurse Practitioner: Primary Care II</b>	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	<b>NRSE</b>	<b>6832</b>	<b>Psychiatric Mental Health NP Practicum I</b>	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	<b>NRSE</b>	<b>6832</b>	<b>Psychiatric Mental Health NP Practicum I</b>	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	<b>NRSE</b>	<b>6833</b>	<b>Psychiatric Mental Health NP Practicum II</b>	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	<b>NRSE</b>	<b>6833</b>	<b>Psychiatric Mental Health NP Practicum II</b>	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.								

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HSP	NRSE	<b>NRSE</b>	<b>6834</b>	<b>Psychiatric Mental Health NP Practicum III</b>	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	<b>NRSE</b>	<b>6834</b>	<b>Psychiatric Mental Health NP Practicum III</b>	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	<b>NRSE</b>	<b>6900</b>	<b>Special Topics in Nursing</b>	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	<b>NRSE</b>	<b>6921</b>	<b>Primary Care of Adults</b>	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	<b>NRSE</b>	<b>6921</b>	<b>Primary Care of Adults</b>	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	<b>NRSE</b>	<b>6922</b>	<b>Nursing Care of Children</b>	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	<b>NRSE</b>	<b>6922</b>	<b>Nursing Care of Children</b>	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	<b>NRSE</b>	<b>6923</b>	<b>Family Nurse Practitioner in Practice</b>	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	<b>NRSE</b>	<b>6923</b>	<b>Family Nurse Practitioner in Practice</b>	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	<b>NRSE</b>	<b>6924</b>	<b>Complex Adult Health Problems I</b>	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	<b>NRSE</b>	<b>6924</b>	<b>Complex Adult Health Problems I</b>	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	<b>NRSE</b>	<b>6925</b>	<b>Complex Adult Health Problems II</b>	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.								



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HSP	NRSE	NRSE	6925	<b>Complex Adult Health Problems II</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Provides in-depth knowledge of the management of acutely and critically ill adults who have complex health problems, may be technologically dependent, and/or are at high risk for developing complications. Includes complex cardiovascular, pulmonary, hematological, and renal problems in acutely/critically ill adults.	Lecture	3	0		N	G40		0
HSP	NRSE	NRSE	6926	<b>Critical Care Concepts and Practice</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Focuses on concepts of critical care related to multiorgan/system function and dysfunction. Addresses clinical management by advanced practice nurses in situations of system failure. Includes core concepts of complex pathophysiology, treatment modalities, and advanced nursing roles in provision of care to critically ill patients.	Clinical	3	6		N	G40		0
HSP	NRSE	NRSE	6926	<b>Critical Care Concepts and Practice</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Focuses on concepts of critical care related to multiorgan/system function and dysfunction. Addresses clinical management by advanced practice nurses in situations of system failure. Includes core concepts of complex pathophysiology, treatment modalities, and advanced nursing roles in provision of care to critically ill patients.	Lecture	3	6		N	G40		0
HSP	NRSE	NRSE	6927	<b>Acute Care Nurse Practitioner and Practice</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This clinical practicum addresses the provision of advanced nursing assessment, diagnostic, and intervention skills in an acute or critical care environment for the purposes of recognition and management of selected problems associated with acute and critical illness. Emphasizes refining clinical decision making and critical thinking skills through integration of assessment, diagnosis, and development of management plan to meet special needs of critically ill adult in the role of nurse practitioner.	Clinical	4	8		N	G40		0
HSP	NRSE	NRSE	6927	<b>Acute Care Nurse Practitioner and Practice</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: This clinical practicum addresses the provision of advanced nursing assessment, diagnostic, and intervention skills in an acute or critical care environment for the purposes of recognition and management of selected problems associated with acute and critical illness. Emphasizes refining clinical decision making and critical thinking skills through integration of assessment, diagnosis, and development of management plan to meet special needs of critically ill adult in the role of nurse practitioner.	Lecture	4	8		N	G40		0
HSP	NRSE	NRSE	6928	<b>Nursing Educator Practicum</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Focuses on faculty and preceptor guided experiences in curriculum development, teaching, and program evaluation in an educational setting as well as advanced nursing care experiences in a direct care setting.	Practicum	4	8		N	G40		0
HSP	NRSE	NRSE	6929	<b>Nursing Administration Practicum</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Provides the opportunity to gain knowledge, skills, and experience as a nurse executive by working with a nurse executive preceptor in a health care setting.	Lecture	4	8		N	G40		0
HSP	NRSE	NRSE	6929	<b>Nursing Administration Practicum</b> ELIGIBLE GRADES: GEC1: A-F COURSE DESC: Provides the opportunity to gain knowledge, skills, and experience as a nurse executive by working with a nurse executive preceptor in a health care setting.	Practicum	4	8		N	G40		0
HSP	NRSE	NRSE	6930	<b>Independent Study</b> ELIGIBLE GRADES: GEC4: A-F, CR, PR COURSE DESC: Allows students to pursue topics of professional interest that are in addition to the content presented in the required courses in the master's program. Students work with an adviser to develop the topic and negotiate the products to be completed.	Ind Study	1 to 5	5		I	G40		0
HSP	NRSE	NRSE	6931	<b>Capstone Seminar</b> ELIGIBLE GRADES: GEC5: CR, PR, F COURSE DESC: This course emphasizes synthesis of the American Association of Colleges of Nursing (AACN) Essentials of Master's Education. The Commission on Collegiate Nursing Education (CCNE), the Master of Science in Nursing (MSN) program accrediting body, mandates that these Essentials are incorporated into all MSN programs. These Essentials represent the core competencies for preparation for movement of students into advanced nursing practice regardless of specific practice setting. Students will engage in focused self-reflection on achievement of these competencies and a comprehensive final program exam.	Seminar	1	2		N	G40		0
HSP	NRSE	NRSE	6932	<b>Capstone Project</b> ELIGIBLE GRADES: GEC5: CR, PR, F COURSE DESC: Provides the opportunity to synthesize the information gained throughout the MSN program to develop a product that enhances the quality of the discipline and/or the quality of health care associated with a specific health issue. The student works with an advisor to complete the capstone project.	Tutorial	1 to 8	8		I	G40		0
HSP	NRSE	NRSE	6933	<b>Capstone Experience for Nurse Practitioners</b> ELIGIBLE GRADES: GEC2: A-F, PR COURSE DESC: This course emphasizes student self-evaluation of meeting specific program outcomes and professional competencies through portfolio development. Nurse Practitioner students also complete a comprehensive final program exam that includes concepts from all program courses pertaining to the population foci of the student NP Track Option and is based on national certification body domains of practice. Students complete an integrated care simulation exam with a standardized patient.	Seminar	1	0		N	G40		0

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HSP	NRSE	NRSE	6934	<b>Capstone Experience for Nurse Educators</b>	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	<b>Capstone Experience for Nurse Leaders</b>	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	<b>Leadership in Systems and Organizations for Advanced Nursing Practice</b>	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	<b>Interprofessional Theories for Advanced Nursing Practice</b>	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	<b>Health Policy and Advocacy for Advanced Nursing Practice</b>	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	<b>Principles of Business and Resource Management for Advanced Nursing Practice</b>	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	<b>Analysis of Evidence-Based Practice for Advanced Nursing Practice</b>	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	<b>Promotion of Quality Healthcare through Advanced Nursing Practice</b>	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	<b>Application of Evidence-Based Practice for Advanced Nursing Practice</b>	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	<b>Informatics for Advanced Nursing Practice</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>Epidemiology and Population Health for Advanced Nursing Practice</b> 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	<b>DNP Scholarly Project I</b> 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	<b>DNP Scholarly Project II</b> 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	<b>Foundations of Nursing and Assessment Across the Lifespan</b> 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	<b>Foundations of Nursing and Assessment Across the Lifespan</b> 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	<b>Foundations of Nursing and Assessment Across the Lifespan</b> 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	<b>Foundations of Nursing Practice</b> 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	<b>Foundations of Nursing Practice</b> 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	<b>Foundations of Nursing Practice</b> 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	<b>Health Assessment Across the Lifespan</b> 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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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	<b>NURS</b>	<b>1112</b>	<b>Health Assessment Across the Lifespan</b>	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	<b>NURS</b>	<b>1130</b>	<b>Nursing Pharmacology: ADN</b>	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	<b>NURS</b>	<b>1131</b>	<b>Pharmacology I</b>	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	<b>NURS</b>	<b>1131</b>	<b>Pharmacology I</b>	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	<b>NURS</b>	<b>1210</b>	<b>Adult Health I: ADN</b>	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	<b>NURS</b>	<b>1210</b>	<b>Adult Health I: ADN</b>	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	<b>NURS</b>	<b>1210</b>	<b>Adult Health I: ADN</b>	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	<b>NURS</b>	<b>1211</b>	<b>Medical Surgical Nursing I</b>	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	<b>NURS</b>	<b>1211</b>	<b>Medical Surgical Nursing I</b>	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	<b>NURS</b>	<b>1211</b>	<b>Medical Surgical Nursing I</b>	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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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	NRSE	<b>NURS</b>	<b>1220</b>	<b>Mental Health Nursing</b>	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	<b>NURS</b>	<b>1220</b>	<b>Mental Health Nursing</b>	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	<b>NURS</b>	<b>1221</b>	<b>Mental Health Nursing</b>	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	<b>NURS</b>	<b>1221</b>	<b>Mental Health Nursing</b>	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	<b>NURS</b>	<b>1221</b>	<b>Mental Health Nursing</b>	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	<b>NURS</b>	<b>1231</b>	<b>Pharmacology II</b>	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	<b>NURS</b>	<b>2002</b>	<b>Introduction to Nursing</b>	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	<b>NURS</b>	<b>2003</b>	<b>Medical Terminology</b>	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	<b>NURS</b>	<b>2004</b>	<b>Dosage Calculation</b>	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	<b>NURS</b>	<b>2005</b>	<b>Preparation for NCLEX</b>	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	<b>NURS</b>	<b>2007</b>	<b>Laboratory and Diagnostic Test Interpretation</b>	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	<b>NURS</b>	<b>2009</b>	<b>Nursing Review and Remediation</b>	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	<b>NURS</b>	<b>2030</b>	<b>Licensed Practical Nurse to Registered Nurse Transition</b>	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	<b>NURS</b>	<b>2030</b>	<b>Licensed Practical Nurse to Registered Nurse Transition</b>	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	<b>NURS</b>	<b>2030</b>	<b>Licensed Practical Nurse to Registered Nurse Transition</b>	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	<b>NURS</b>	<b>2031</b>	<b>LPN-RN Transition</b>	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	<b>NURS</b>	<b>2040</b>	<b>Licensed Practical Nurse to Registered Nurse Bridge</b>	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	<b>NURS</b>	<b>2041</b>	<b>LPN-RN Bridge</b>	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	<b>NURS</b>	<b>2041</b>	<b>LPN-RN Bridge</b>	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	<b>NURS</b>	<b>2041</b>	<b>LPN-RN Bridge</b>	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	<b>NURS</b>	<b>2110</b>	<b>Adult Health II: ADN</b>	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	<b>NURS</b>	<b>2110</b>	<b>Adult Health II: ADN</b>	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	<b>NURS</b>	<b>2110</b>	<b>Adult Health II: ADN</b>	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	<b>NURS</b>	<b>2111</b>	<b>Medical Surgical Nursing II</b>	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	<b>NURS</b>	<b>2111</b>	<b>Medical Surgical Nursing II</b>	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	<b>NURS</b>	<b>2111</b>	<b>Medical Surgical Nursing II</b>	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	<b>NURS</b>	<b>2120</b>	<b>Maternal and Newborn Nursing</b>	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	<b>NURS</b>	<b>2120</b>	<b>Maternal and Newborn Nursing</b>	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	<b>NURS</b>	<b>2120</b>	<b>Maternal and Newborn Nursing</b>	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	<b>NURS</b>	<b>2121</b>	<b>Maternal-Newborn Nursing</b>	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	<b>NURS</b>	<b>2121</b>	<b>Maternal-Newborn Nursing</b>	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	<b>NURS</b>	<b>2121</b>	<b>Maternal-Newborn Nursing</b>	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	<b>NURS</b>	<b>2130</b>	<b>Child and Adolescent Nursing</b>	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	<b>NURS</b>	<b>2130</b>	<b>Child and Adolescent Nursing</b>	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	<b>NURS</b>	<b>2130</b>	<b>Child and Adolescent Nursing</b>	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	<b>NURS</b>	<b>2131</b>	<b>Pediatric Nursing</b>	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	<b>NURS</b>	<b>2131</b>	<b>Pediatric Nursing</b>	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	<b>NURS</b>	<b>2131</b>	<b>Pediatric Nursing</b>	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	<b>NURS</b>	<b>2210</b>	<b>Adult Health III: ADN</b>	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	<b>NURS</b>	<b>2210</b>	<b>Adult Health III: ADN</b>	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	<b>NURS</b>	<b>2210</b>	<b>Adult Health III: ADN</b>	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	<b>NURS</b>	<b>2211</b>	<b>Medical-Surgical Nursing III</b>	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	<b>NURS</b>	<b>2211</b>	<b>Medical-Surgical Nursing III</b>	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	<b>NURS</b>	<b>2211</b>	<b>Medical-Surgical Nursing III</b>	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  
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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	<b>NURS</b>	<b>2220</b>	<b>Integrated Nursing Practice</b>	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	<b>NURS</b>	<b>2220</b>	<b>Integrated Nursing Practice</b>	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	<b>NURS</b>	<b>2221</b>	<b>Integrated Nursing Practice</b>	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	<b>NURS</b>	<b>2221</b>	<b>Integrated Nursing Practice</b>	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	<b>NURS</b>	<b>2221</b>	<b>Integrated Nursing Practice</b>	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	<b>NURS</b>	<b>2900</b>	<b>Special Topics in Nursing</b>	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	<b>NURS</b>	<b>2901</b>	<b>Assessment of the Adult Client</b>	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	<b>NURS</b>	<b>2906</b>	<b>Studies in Cardiac Emergencies</b>	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.								

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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	RCS	<b>CSD</b>	<b>1070</b>	<b>Voice and Articulation</b>	Lecture	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Addresses the recognition, evaluation, and remediation of voice and articulation.								
HSP	RCS	<b>CSD</b>	<b>1080</b>	<b>Introduction to Communication Disorders</b>	Lecture	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Introduction to human communication disorders, including disorders of hearing, speech, and language.								
HSP	RCS	<b>CSD</b>	<b>1110</b>	<b>Elementary American Sign Language I</b>	Lecture	4	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		WARNING: No credit for this course if taken after the following: DSI 1120 or 2110 or 2120 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): DSI 1110 This is the first in a sequence of 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	<b>CSD</b>	<b>1120</b>	<b>Elementary American Sign Language II</b>	Lecture	4	0		N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		C- or better in CSD 1110 or 3850 or DSI 1110 and WARNING: No credit for this course if taken after the following: DSI 2110 or 2120 or CSD 2110 and No credit for both this course and the following (always deduct credit for first course taken): DSI 1120 This is the second in a sequence of 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	<b>CSD</b>	<b>1130</b>	<b>Introduction to the Deaf Community</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		No credit for this course if taken after DSI 1610 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	<b>CSD</b>	<b>2080</b>	<b>Phonetics</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		CSD 1080 Surveys the theoretical foundation and practical application of the scientific study of speech sounds. Topics include the production, classification, and transcription of speech sounds. Students will learn to use the International Phonetic Alphabet (IPA) for transcription. Activities include lectures and transcription exercises.								
HSP	RCS	<b>CSD</b>	<b>2110</b>	<b>Intermediate American Sign Language I</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		C- or better in CSD 1120 or 3860 or DSI 1120 and WARNING: No credit for this course if taken after the following: DSI 2120 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): DSI 2110 or CSD 3870 This is the third in a sequence of 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	<b>CSD</b>	<b>2120</b>	<b>Intermediate American Sign Language II</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		C- or better in CSD 2110 or 3870 or DSI 2110 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): DSI 2120 This is the fourth in a sequence of 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	<b>CSD</b>	<b>2130</b>	<b>Anatomy and Physiology of Speech and Language</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		CSD 1080 Provides an introduction to the structure and function of the speech and language subsystems.								
HSP	RCS	<b>CSD</b>	<b>2140</b>	<b>Introduction to Deaf Culture</b>	Lecture	3	0	2CP; FIE	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		No credit for this course if taken after DSI 2860 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	<b>CSD</b>	<b>2500</b>	<b>Speech Science</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		CSD 2130 Fundamentals of the production, perception, and acoustics of speech.								

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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	RCS	<b>CSD</b>	<b>2530</b>	<b>Hearing Science</b>	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	<b>CSD</b>	<b>2900</b>	<b>Special Topics in Communication Sciences and Disorders</b>	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	<b>CSD</b>	<b>2970T</b>	<b>CSD First Year Tutorial 1</b>	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	<b>CSD</b>	<b>2980T</b>	<b>CSD First Year Tutorial 2</b>	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	<b>CSD</b>	<b>3000</b>	<b>Aging and Disorders of Communication</b>	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	<b>CSD</b>	<b>3100</b>	<b>Language Development</b>	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	<b>CSD</b>	<b>3110</b>	<b>Advanced American Sign Language I</b>	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	<b>CSD</b>	<b>3120</b>	<b>Advanced American Sign Language II</b>	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	<b>CSD</b>	<b>3140</b>	<b>American Sign Language Development</b>	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	<b>CSD</b>	<b>3410</b>	<b>Pre-Professional Service I</b>	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	<b>CSD</b>	<b>3800</b>	<b>Basic Audiology</b>	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	<b>CSD</b>	<b>3900</b>	<b>Introduction to Research in Hearing, Speech and Language Sciences</b>	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	<b>CSD</b>	<b>3970T</b>	<b>CSD Second Year Tutorial 1</b>	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	<b>CSD</b>	<b>3980T</b>	<b>CSD Second Year Tutorial 2</b>	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								

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HSP	RCS	<b>CSD</b>	<b>4100</b>	<b>Language Science</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CSD 3100								
				Theoretical approaches to language acquisition, neural correlates of language learning, noninvasive imaging techniques, relation of memory and cognition to language, and models of language processing.								
HSP	RCS	<b>CSD</b>	<b>4130</b>	<b>Clinical Neuroanatomy for Communication Sciences and Disorders</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CSD 2130								
				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	<b>CSD</b>	<b>4180</b>	<b>Disorders of Articulation and Phonology</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CSD 2080 and 2130								
				Focuses on articulation and phonological disorders in children. Emphasis is on evaluation and practical approaches for individuals with articulation and phonological disorders.								
HSP	RCS	<b>CSD</b>	<b>4190</b>	<b>Organic Communication Disorders</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CSD 2130								
				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	<b>CSD</b>	<b>4200</b>	<b>Multicultural Aspects in Communication Sciences</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CSD 1080 and 2080								
				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	<b>CSD</b>	<b>4410</b>	<b>Pre-Professional Service II</b>	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CSD 3410 and Sr								
				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	<b>CSD</b>	<b>4420</b>	<b>Pre-Professional Issues in Communication Sciences and Disorders</b>	Lecture	3	0	3; CAP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CSD 3100, 3800 and senior and WARNING: No credit if taken after CSD 3410 and 4410								
				An advanced review of topics in Communication Sciences and Disorders, including professional scope, ethics, clinical skills and responsibilities.								
HSP	RCS	<b>CSD</b>	<b>4440</b>	<b>Language Disorders in Children</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CSD 3100								
				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	<b>CSD</b>	<b>4710</b>	<b>Aural Rehabilitation</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: CSD 2530								
				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	<b>CSD</b>	<b>4900</b>	<b>Special Topics in Communication Sciences and Disorders</b>	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	RCS	<b>CSD</b>	<b>4930</b>	<b>Independent Study in Communication Sciences and Disorders</b>	Ind Study	1 to 12	12		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: Permission required and written proposal								
				Independent study in selected topics of interest to students under supervision of faculty member.								
HSP	RCS	<b>CSD</b>	<b>4940</b>	<b>Research in Communication Sciences and Disorders</b>	Research	1 to 12	12		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: Permission required and written proposal								
				CR Research in selected topic of interest to students under direction of faculty member.								
HSP	RCS	<b>CSD</b>	<b>4970T</b>	<b>CSD Third Year Tutorial 1</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: HTC								
				Honors Tutorial on topics in Communication Sciences and Disorders								

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HSP	RCS	<b>CSD</b>	<b>4980T</b>	<b>CSD Third Year Tutorial 2</b>	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	<b>CSD</b>	<b>5000</b>	<b>Aging and Disorders of Communication</b>	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	<b>CSD</b>	<b>5110</b>	<b>Elementary American Sign Language I</b>	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	<b>CSD</b>	<b>5120</b>	<b>Elementary American Sign Language II</b>	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	<b>CSD</b>	<b>5210</b>	<b>Intermediate American Sign Language I</b>	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	<b>CSD</b>	<b>5220</b>	<b>Intermediate American Sign Language II</b>	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	<b>CSD</b>	<b>5310</b>	<b>Advanced American Sign Language I</b>	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.								
HSP	RCS	<b>CSD</b>	<b>5320</b>	<b>Advanced American Sign Language II</b>	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	<b>CSD</b>	<b>5710</b>	<b>Aural Rehabilitation</b>	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	<b>CSD</b>	<b>5860</b>	<b>Sign Language II</b>	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	<b>CSD</b>	<b>5870</b>	<b>Sign Language III</b>	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.								

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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	<b>CSD</b>	<b>5900</b>	<b>Special Topics in Communication Sciences and Disorders</b>	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	<b>CSD</b>	<b>6010</b>	<b>Research Methods in Hearing, Speech and Language Sciences</b>	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	<b>CSD</b>	<b>6020</b>	<b>Child Language Disorders I: Birth to Five</b>	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	<b>CSD</b>	<b>6030</b>	<b>Neuroscience of Communication</b>	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	<b>CSD</b>	<b>6120</b>	<b>Child Language Disorders II: School-age Language and Literacy</b>	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	<b>CSD</b>	<b>6130</b>	<b>Speech Sound Development and Disorders</b>	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	<b>CSD</b>	<b>6170</b>	<b>Disorders of Fluency</b>	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	<b>CSD</b>	<b>6190</b>	<b>Speech Language Pathology in Public Schools</b>	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.								
HSP	RCS	<b>CSD</b>	<b>6210</b>	<b>Disorders of Phonation</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Review of anatomy and normal physiology of vocal mechanism. Organic and functional voice problems and related therapy. Research problems in diagnosis and therapy.								
HSP	RCS	<b>CSD</b>	<b>6220</b>	<b>Child Language Disorders III: School-age Psycholinguistic Perspectives</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Third course in child language disorders sequence. This course explores the psycholinguistic underpinnings of language impairment in school age children.								
HSP	RCS	<b>CSD</b>	<b>6230</b>	<b>Diagnostic Procedures in Speech-Language Pathology</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Study of theory and practice pertaining to the diagnostic process, including topics on models of diagnosis, family-centered assessment, multicultural issues, tools and methods, as well as assessment in selected areas of disorders.								
HSP	RCS	<b>CSD</b>	<b>6240</b>	<b>Neuromotor Disorders of Speech</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		In-depth study of nature and habilitation of speech disorders of organic etiology. Primary focus on articulation disorders resulting from structural lesions, muscle incoordination, and weakness.								
HSP	RCS	<b>CSD</b>	<b>6250</b>	<b>Pediatric Feeding: Assessment and Intervention</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 6020								
		COURSE DESC:		This course addresses the theoretical, clinical and multicultural aspects of the role of the speech-language pathologist with children with feeding and/or swallowing disorders.								

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HSP	RCS	<b>CSD</b>	<b>6260</b>	<b>Counseling and Interviewing in Communication Sciences and Disorders</b>	Lecture	2	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Study of counseling and interviewing in audiology and speech-language pathology. Practice of interviewing and counseling techniques used during the assessment and treatment of hearing, speech and language disorders.								
HSP	RCS	<b>CSD</b>	<b>6270</b>	<b>Medical Aspects of Auditory Disorders</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				CSD 6730, 6731, 6749, and 6770 Provides discussion of etiology, pathophysiology, diagnosis, and medical and surgical treatments for the various external, middle, inner ear, and central nervous system diseases that result in a variety of auditory disorders. Overview of recent advances in molecular biology and genetics of hearing loss. Readings in medical literature and familiarization with medical terminology and philosophy of intervention.								
HSP	RCS	<b>CSD</b>	<b>6290</b>	<b>Adult Language Disorders</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				CSD 6030 Theory, etiology, diagnostics, treatment methods, and service delivery issues related to adult neurogenic language disorders. Includes study of aphasia, dyslexia, dysgraphia, right hemisphere deficits, frontal lobe syndromes, traumatic brain injury, and dementia.								
HSP	RCS	<b>CSD</b>	<b>6340</b>	<b>Clinical Methods in Speech-Language Pathology</b>	Lecture	2	8		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Addresses the specific clinical skills and abilities for clinical practice in communication disorders, including technical writing, cultural competency, interview skills, treatment efficacy, diagnostic skills, self-analysis/self-evaluation, steps in licensure/certification, professional development, ethical practice, and specific therapy strategies for several communication disorders.								
HSP	RCS	<b>CSD</b>	<b>6351</b>	<b>Professional Education in Audiology I</b>	Lecture	2	6		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Designed to bridge didactic coursework and clinical experience for first year Au.D. students. Lecture, practice, experimentation, and student presentations. Topics coincide with courses and level of the students.								
HSP	RCS	<b>CSD</b>	<b>6400</b>	<b>Augmentative Communication</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Study of augmentative communication and assistive listening systems. Development of skills in the application of augmentative communication to communication disorders in adults and children. Experience with microprocessor-based technology.								
HSP	RCS	<b>CSD</b>	<b>6410</b>	<b>Dysphagia</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Basic knowledge of normal and deviant swallowing disorders due to neurological and structural impairments. Major topics include assessment and management of the wide range of swallowing disorders managed by speech-language pathologists.								
HSP	RCS	<b>CSD</b>	<b>6520</b>	<b>Experimental Phonetics</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Speech communication involves the generation of sounds by a speaker from some internal linguistic representations and the interpretation of sounds by a listener. Explores how linguistic representations are implemented by the speaker to generate sounds and how the acoustic signal is perceived by the listener to uncover linguistic representations.								
HSP	RCS	<b>CSD</b>	<b>6730</b>	<b>Diagnostic Audiology</b>	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 eighth nerve disorders of the auditory systems. Lab experiences will provide hands-on experience with current test protocols and equipment.								
HSP	RCS	<b>CSD</b>	<b>6731</b>	<b>Advanced Diagnostic Audiology</b>	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	<b>CSD</b>	<b>6740</b>	<b>Hearing Aids</b>	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	<b>CSD</b>	<b>6749</b>	<b>Electrophysiologic Assessment</b>	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	<b>CSD</b>	<b>6750</b>	<b>Electrophysiologic Assessment</b>	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.								

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COURSE LISTING  
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HSP	RCS	<b>CSD</b>	<b>6751</b>	<b>Advanced Electrophysiologic Assessment</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 6749								
		COURSE DESC:		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	<b>CSD</b>	<b>6770</b>	<b>Advanced Hearing Science</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Overview of classical and contemporary psychophysical methods, physics of sound, anatomy and physiology of the auditory system, excitation of cochlea and auditory nerve, frequency analysis, pitch perception, nonlinear distortion, loudness, frequency, and intensity discrimination.								
HSP	RCS	<b>CSD</b>	<b>6900</b>	<b>Special Topics in Speech-Language Pathology</b>	Seminar	1 to 3	15		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Varied topics relating to special clinical, professional, and theoretical topics in speech-language pathology.								
HSP	RCS	<b>CSD</b>	<b>6901</b>	<b>Special Topics in Speech-Language pathology</b>	Seminar	1 to 3	15		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Varied topics relating to clinical, professional and theoretical topics in speech-language pathology.								
HSP	RCS	<b>CSD</b>	<b>6902</b>	<b>Special Topics in Speech-Language Pathology</b>	Seminar	1 to 3	15		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Varied topics relating to clinical, professional, and theoretical topics in speech-language pathology.								
HSP	RCS	<b>CSD</b>	<b>6910</b>	<b>Clinical Externship</b>	Field	2 to 15	45		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: (CSD 6080 or 6220) and 6130 and 6170 and 6210 and 6230 and 6290 and (Knowledge and Skill Assessment score in consistent range 5.0-6.9)								
		COURSE DESC:		CR, PR Full-time placement at an off-campus site (clinic, hospital or other medical facility, private practice, or in a school setting) involving all aspects of the clinical process in speech-language pathology.								
HSP	RCS	<b>CSD</b>	<b>6920</b>	<b>Practicum in Diagnosis and Therapy</b>	Practicum	1	6		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Supervised clinical experience includes practice in diagnosis, planning of therapy, and remediation.								
HSP	RCS	<b>CSD</b>	<b>6921</b>	<b>Audiology Practicum I</b>	Practicum	1 to 2	9		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		CR, PR Experience in audiology diagnosis and aural rehabilitation in on-campus clinical and off-campus settings for first year Au.D. students.								
HSP	RCS	<b>CSD</b>	<b>6935</b>	<b>Aging and Communication in the Developing World</b>	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	<b>CSD</b>	<b>6950</b>	<b>Thesis</b>	Thesis	1 to 3	12		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required and successful defense of research proposal								
		COURSE DESC:		CR, PR Thesis in communication disorders.								
HSP	RCS	<b>CSD</b>	<b>7250</b>	<b>Administration of Public School Speech-Language Pathology Programs</b>	Lecture	1	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 6120								
		COURSE DESC:		Designed to prepare students to work as speech-language pathologists (SLPs) in public schools, this course includes issues involving the administration and implementation of speech-language programs in the public school system. The course focuses on SLP roles and responsibilities in schools in relation to legislation, evaluation team reports, individualized education programs (IEPs), procedural safeguards, and workload/caseload. Course also addresses the role the SLP in the wider context of being a member in a school learning community.								
HSP	RCS	<b>CSD</b>	<b>7351</b>	<b>Professional Education in Audiology II</b>	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.								



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HSP	RCS	<b>CSD</b>	<b>7352</b>	<b>Professional Education in Audiology II</b>	Lecture	3	6		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Warning: No CSD 7351								
		COURSE DESC:		Designed to bridge didactic coursework and clinical experience for second year Audiology students.								
HSP	RCS	<b>CSD</b>	<b>7620</b>	<b>Rehabilitative Audiology</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: (CSD 6730 or 673A) and (6740 or 674A) and (7630 or 763)								
		COURSE DESC:		Prepares audiologists to structure and execute programs of (re)habilitation for individuals with hearing loss in clinical, vocational and/or educational settings as well as understand the psychosocial aspects of hearing loss.								
HSP	RCS	<b>CSD</b>	<b>7630</b>	<b>Pediatric/Educational Audiology</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Discussions will cover the embryologic development of the auditory system, audiometric evaluation of infants and children, counseling and educational issues of children identified with hearing loss, pathological conditions and syndromes affecting the pediatric population, and issues germane to pediatric hearing aid selection and verification.								
HSP	RCS	<b>CSD</b>	<b>7680</b>	<b>Noise Exposure and Hearing Conservation</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 6730 and 6740 and 6770								
		COURSE DESC:		Information about the adverse effects of noise on hearing 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	<b>CSD</b>	<b>7700</b>	<b>Cochlear Implants</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 6030 or 603 and CSD 6749 and CSD 6770								
		COURSE DESC:		Neurobiological basis for cochlear implants, speech processing techniques, candidacy for implants, post operative management, and outcomes assessment.								
HSP	RCS	<b>CSD</b>	<b>7750</b>	<b>Advanced Hearing Aids</b>	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	<b>CSD</b>	<b>7850</b>	<b>Balance Function Assessment</b>	Lecture	3	0		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: CSD 6030 and CSD 6749								
		COURSE DESC:		Assessment of balance function including anatomy and physiology, theory, disorders and test protocols.								
HSP	RCS	<b>CSD</b>	<b>7910</b>	<b>Clinical Externship in Audiology</b>	Internship	4 to 15	30		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Experience in hearing testing, fitting hearing aids, diagnostic procedures related to hearing and balance, writing clinical reports, maintaining clinical facilities, and interacting with other professionals usually in an external clinical setting.								
HSP	RCS	<b>CSD</b>	<b>7921</b>	<b>Audiology Practicum II</b>	Practicum	1 to 3	9		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: 2nd year Au.D. student								
		COURSE DESC:		Experience in audiological diagnosis through direct patient contact, hearing aids, and aural rehabilitation in on-campus and off-campus settings for second year Au.D. students.								
HSP	RCS	<b>CSD</b>	<b>7930</b>	<b>Directed Studies</b>	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	<b>CSD</b>	<b>7931</b>	<b>Directed Studies</b>	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	<b>CSD</b>	<b>7932</b>	<b>Directed Studies</b>	Ind Study	1 to 6	18		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		Directed studies on selected topics in audiology or speech-language pathology.								
HSP	RCS	<b>CSD</b>	<b>7950</b>	<b>Integrated Clinical Education</b>	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	<b>CSD</b>	<b>8351</b>	<b>Professional Education in Audiology III</b>	Lecture	2	4		N	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Designed to provide third year Au.D. students a didactic forum facilitating intergration of theoretical and clinical aspects of diagnostic and rehabilitative audiology via lectures, practice, experimentation, and student participation and presentations. Topics covered will coincide with current and previous coursework as well as the level of the students.								

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HSP	RCS	<b>CSD</b>	<b>8900</b>	<b>Special Topics in Communication Sciences and Disorders</b>	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	<b>CSD</b>	<b>8910</b>	<b>Full-time Audiology Externship</b>	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								
		COURSE DESC:		Full-time supervised externship for three semesters, located nationwide.								
HSP	RCS	<b>CSD</b>	<b>8921</b>	<b>Audiology Practicum III</b>	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	<b>CSD</b>	<b>8930</b>	<b>Academic Directed Study 1</b>	Ind Study	1 to 3	12		I	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		This academic directed study provides students with directed learning in various content areas related to their designated major and minor areas of study. Directed studies may take different forms including but not limited to directed readings, submitting synthesis and integration papers, and critical review papers.								
HSP	RCS	<b>CSD</b>	<b>8931</b>	<b>Advanced Academic Directed Study 2</b>	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	<b>CSD</b>	<b>8940</b>	<b>Research Directed Study 1</b>	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	<b>CSD</b>	<b>8941</b>	<b>Advanced Research Directed Study 2</b>	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.								
HSP	RCS	<b>CSD</b>	<b>8949</b>	<b>Research Practicum in Audiology</b>	Research	3	6		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	<b>CSD</b>	<b>8950</b>	<b>Dissertation in CSD</b>	Thesis	1 to 12	48		N	G50		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required and mentor will judge readiness of student to begin dissertation based on student's performance in related directed studies.								
		COURSE DESC:		Students initiate, execute and complete, and orally defend an independent research project in an area of research interest and experience (under the guidance of a primary faculty mentor). The project includes generating relevant research questions, developing an appropriate study design and methods/procedures, selecting appropriate analysis schemes and properly interpreting the results, and defending a written product of the project.								
HSP	RCS	<b>CSD</b>	<b>8960</b>	<b>Signal Detection Theory</b>	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		Examination of the fundamental principles of signal detection theory and application of the theory to research in the speech, language, and hearing sciences.								
HSP	RCS	<b>CSD</b>	<b>8961</b>	<b>Auditory Scene Analysis</b>	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		Discussion of the psychological underpinnings essential for persons to form coherent mental representations and interpretations of the world around them based on auditory information.								
HSP	RCS	<b>CSD</b>	<b>8962</b>	<b>Working Memory, Cognition and Language</b>	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		Students will engage in critical analysis and comparison of the three most prominent models of working memory and will relate the different models to auditory processing and language processing.								
HSP	RCS	<b>CSD</b>	<b>8963</b>	<b>Theoretical Accounts of Specific Language Impairment</b>	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		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.								

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HSP	RCS	<b>CSD</b>	<b>8964</b>	<b>Advanced Topics in Auditory Prostheses</b>	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		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	<b>CSD</b>	<b>8965</b>	<b>Single Subject Research in CSD</b>	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		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	<b>CSD</b>	<b>8966</b>	<b>Beginning Communicators</b>	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	<b>CSD</b>	<b>8967</b>	<b>Advanced Seminar in Augmentative and Alternative Communication</b>	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	<b>CSD</b>	<b>8968</b>	<b>Grant Writing in CSD</b>	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		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	<b>CSD</b>	<b>8969</b>	<b>Lexical Acquisition in Children</b>	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		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	<b>CSD</b>	<b>8970</b>	<b>Research Critique in CSD</b>	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		Evaluate peer-reviewed research in communication sciences and disorders, including background information and motivation, methods and procedures, results (statistical schemes), and discussion (data interpretation and contextualization of results).								
HSP	RCS	<b>CSD</b>	<b>8971</b>	<b>Language Disorders of Form: Assessment and Remediation</b>	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	<b>CSD</b>	<b>8972</b>	<b>Using Eye Tracking to Study Cognitive and Linguistic Processing</b>	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		Explores eye-tracking methods to study a variety of cognitive and linguistic processing abilities in individuals with and without disabilities and disorders.								
HSP	RCS	<b>CSD</b>	<b>8973</b>	<b>Advanced Differential Diagnosis of Aphasia</b>	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		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	<b>CSD</b>	<b>8974</b>	<b>Strategic Academic Career Development in CSD</b>	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		Study of career development strategies for individuals pursuing scholarly careers in communication sciences and disorders.								
HSP	RCS	<b>CSD</b>	<b>8975</b>	<b>Research Ethics in CSD</b>	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		Study of ethical issues in clinical practice and research in communication sciences and disorders.								
HSP	RCS	<b>CSD</b>	<b>8976</b>	<b>Pedagogy in CSD</b>	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required								
		COURSE DESC:		Examines methods to enhance teaching and learning in the field of communication sciences and 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
HSP	RCS	<b>CSD</b>	<b>8977</b>	<b>Signal Processing</b>	Seminar	1 to 3	3		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		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	<b>CSD</b>	<b>8978</b>	<b>Biomechanical and Temporal Analysis of Swallowing</b>	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		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	<b>CSD</b>	<b>8979</b>	<b>Advanced Seminar in Neurogenic Speech and Swallowing</b>	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		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	<b>CSD</b>	<b>8980</b>	<b>MATLAB Programming in Hearing and Speech Research</b>	Seminar	3	0		I	G50		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		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	<b>CSD</b>	<b>8981</b>	<b>Developmental, Social and Neural Bases of Memory</b>	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	<b>DSI</b>	<b>1110</b>	<b>Beginning American Sign Language I</b>	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): CSD 1110						
		COURSE DESC:		Introduces American Sign Language (ASL) and Deaf culture. Encourages interaction with the Deaf community. Focuses on comprehension and production of fingerspelling, introductory numbers, and basic ASL and its grammatical structure.								
HSP	RCS	<b>DSI</b>	<b>1120</b>	<b>Beginning American Sign Language II</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	DSI 1110 and WARNING: No credit for both this course and the following (always deduct credit for first course taken): CSD 1120						
		COURSE DESC:		Continuation of DSI 1110. Continued interaction with the Deaf community required. Acquire increased awareness of ASL/Deaf culture and the rules and norms which govern their practice.								
HSP	RCS	<b>DSI</b>	<b>1510</b>	<b>Visual Gestural Communication in ASL</b>	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	<b>DSI</b>	<b>1610</b>	<b>Orientation to the d/Deaf World</b>	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	<b>DSI</b>	<b>1810</b>	<b>Introduction to Interpreting</b>	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	<b>DSI</b>	<b>1810</b>	<b>Introduction to Interpreting</b>	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	<b>DSI</b>	<b>1921</b>	<b>Environmental Observation in Interpreting</b>	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.								

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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	RCS	<b>DSI</b>	<b>2110</b>	<b>Intermediate American Sign Language I</b>	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	<b>DSI</b>	<b>2120</b>	<b>Intermediate American Sign Language II</b>	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	<b>DSI</b>	<b>2130</b>	<b>American Sign Language Linguistics</b>	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	<b>DSI</b>	<b>2140</b>	<b>Educational Interpreting</b>	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	<b>DSI</b>	<b>2150</b>	<b>Fingerspelling and the Interpreter</b>	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	<b>DSI</b>	<b>2160</b>	<b>Seminar in Interpreting</b>	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	<b>DSI</b>	<b>2170</b>	<b>English and the Interpreter</b>	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	<b>DSI</b>	<b>2810</b>	<b>Professional Decision Making and Interpreting</b>	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	<b>DSI</b>	<b>2820</b>	<b>Interpreting and Transliterating Techniques I</b>	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.								
HSP	RCS	<b>DSI</b>	<b>2820</b>	<b>Interpreting and Transliterating Techniques I</b>	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	<b>DSI</b>	<b>2830</b>	<b>Interpreting and Transliterating Techniques II</b>	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	<b>DSI</b>	<b>2830</b>	<b>Interpreting and Transliterating Techniques II</b>	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	<b>DSI</b>	<b>2860</b>	<b>Study of Deaf Culture</b>	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	<b>DSI</b>	<b>2900</b>	<b>Special Topics in Deaf Studies</b>	Lecture	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		CR	Specific course content will vary with offering.							

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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	<b>DSI</b>	<b>2921</b>	<b>Practicum I</b>	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	<b>DSI</b>	<b>2922</b>	<b>Practicum II</b>	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	<b>PA</b>	<b>2100</b>	<b>Introduction to the Physician Assistant Profession</b>	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	<b>PA</b>	<b>5110</b>	<b>Physician Assistant Practice</b>	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	<b>PA</b>	<b>5120</b>	<b>Physician Assistant Practice II: US Healthcare Systems and Policy</b>	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	<b>PA</b>	<b>5130</b>	<b>Health Promotion and Disease Prevention for the Physician Assistant</b>	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	<b>PA</b>	<b>5140</b>	<b>Concepts of Leadership and Management for the Physician Assistant</b>	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.							
HSP	RCS	<b>PA</b>	<b>5150</b>	<b>Professional Development: Certification and Practice for the Physician Assistant</b>	Lecture	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	PA 5110						
		COURSE DESC:		PR	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	<b>PA</b>	<b>5210</b>	<b>Clinical Gross Anatomy for the Physician Assistant</b>	Laboratory	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Admission into the Physician Assistant program						
		COURSE DESC:		PR	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	<b>PA</b>	<b>5210</b>	<b>Clinical Gross Anatomy for the Physician Assistant</b>	Lecture	5	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	Admission into the Physician Assistant program						
		COURSE DESC:		PR	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.							

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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	5220	<b>Clinical Pathophysiology I for the Physician Assistant</b>	Lecture	2	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PA	5230	<b>Clinical Pathophysiology II for the Physician Assistant</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PA	5240	<b>Clinical Pathophysiology III for the Physician Assistant</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PA	5250	<b>Clinical Pharmacology</b>	Lecture	2	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PA	5260	<b>Clinical Science for the Physician Assistant</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PA	5310	<b>Patient Assessment I</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PA	5320	<b>Patient Assessment II</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PA	5330	<b>Clinical Procedures for the Physician Assistant</b>	Lecture	2	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PA	5511	<b>Clinical Medicine I</b>	Lecture	4	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PA	5512	<b>Clinical Medicine II</b>	Lecture	4	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								

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HSP	RCS	PA	5513	<b>Clinical Medicine III</b>	Lecture	6	0		N	G40		0
				ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PA 5210							
				COURSE DESC:	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	<b>Clinical Medicine IV</b>	Lecture	4	0		N	G40		0
				ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PA 5210							
				COURSE DESC:	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	<b>Behavioral and Mental Health</b>	Lecture	2	0		N	G40		0
				ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PA 5250							
				COURSE DESC:	Physician assistants role in assessment and treatment of mental health disorders and psychosocial issues including clinical skills to provide care for patients with psychiatric disorders. Emphasis on communication skills needed in difficult patient interactions.							
HSP	RCS	PA	5551	<b>Emergency Medicine</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PA 5540							
				COURSE DESC:	Introduction to the principles of emergency medicine for physician assistants. Emphasis on developing critical thinking skills to identify and develop treatment plans for a variety of medical and surgical conditions that present to the emergency department.							
HSP	RCS	PA	5552	<b>Pediatric Medicine</b>	Lecture	2	0		N	G40		0
				ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PA 5540							
				COURSE DESC:	This course builds upon the knowledge obtained in the clinical medicine series and introduces the physician assistant student to the principles of pediatric medicine. Students will be tasked to 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	<b>Women's Health</b>	Lecture	2	0		N	G40		0
				ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PA 5540							
				COURSE DESC:	Introduction to the principles of women's health for physician assistants. Emphasis on developing critical thinking skills to identify and develop treatment plans for a variety of medical and surgical conditions that affect the female patient with an emphasis on prenatal and gynecologic care.							
HSP	RCS	PA	5554	<b>General Surgery</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PA 5514							
				COURSE DESC:	Introduction to the principles of general surgery for the physician assistant. Emphasis on developing critical thinking skills to identify and develop treatment plans for patients in a hospital based surgical practice.							
HSP	RCS	PA	5560	<b>Transition to Clinical Practice</b>	Lecture	4	0		N	G40		0
				ELIGIBLE GRADES:	GEC2: A-F, REQUISITE: PA 5514							
				COURSE DESC:	This course assists the physician assistant student to transition from the foundational principles of pharmacology and nutrition to application in clinical settings. Students use critical thinking skills to develop patient-centered pharmacotherapeutic and nutritional management plans based on selected clinical scenarios.							
HSP	RCS	PA	5930	<b>Directed Studies for Physician Assistants</b>	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	<b>Clinical Rotation: Behavioral and Mental Health</b>	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	<b>Clinical Rotation: Emergency Medicine</b>	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.							



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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	RCS	PA	6103	<b>Clinical Rotation: Family Medicine</b> ELIGIBLE GRADES: COURSE DESC:	Clinical	3	0		N	G40		0
				GEC2: A-F, REQUISITE: PA 5560 PR 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	<b>Clinical Rotation: General Surgery</b> ELIGIBLE GRADES: COURSE DESC:	Clinical	3	0		N	G40		0
				GEC2: A-F, REQUISITE: PA 5560 PR 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	<b>Clinical Rotation: Community Medicine</b> ELIGIBLE GRADES: COURSE DESC:	Clinical	3	0		N	G40		0
				GEC2: A-F, REQUISITE: PA 5560 PR 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	<b>Clinical Rotation: Internal Medicine I</b> ELIGIBLE GRADES: COURSE DESC:	Clinical	3	0		N	G40		0
				GEC2: A-F, REQUISITE: PA 5560 PR 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	<b>Clinical Rotation: Internal Medicine II</b> ELIGIBLE GRADES: COURSE DESC:	Clinical	3	0		N	G40		0
				GEC2: A-F, REQUISITE: PA 5560 PR 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	<b>Clinical Rotation: Pediatric Medicine</b> ELIGIBLE GRADES: COURSE DESC:	Clinical	3	0		N	G40		0
				GEC2: A-F, REQUISITE: PA 5560 PR 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	<b>Clinical Rotation: Women's Health</b> ELIGIBLE GRADES: COURSE DESC:	Clinical	3	0		N	G40		0
				GEC2: A-F, REQUISITE: PA 5560 PR 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	<b>Clinical Rotation - General Selective I</b> ELIGIBLE GRADES: COURSE DESC:	Clinical	3	0		N	G40		0
				GEC2: A-F, REQUISITE: PA 5560 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	6111	<b>Clinical Rotation: General Selective II</b> ELIGIBLE GRADES: COURSE DESC:	Clinical	3	0		N	G40		0
				GEC2: A-F, REQUISITE: PA 5560 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	<b>Clinical Rotation: Specialty Selective</b> ELIGIBLE GRADES: COURSE DESC:	Clinical	3	0		N	G40		0
				GEC2: A-F, REQUISITE: PA 5560 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.								

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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	RCS	PA	6113	<b>Clinical Rotation: Critical Access Hospital</b>	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	<b>Clinical Rotation: Geriatrics</b>	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	<b>Evidence Based Research I</b>	Lecture	2	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PR								
		COURSE DESC:		The first in a series of three courses (PA 6210, PA 6220 and PA 6230), this course introduces the physician assistant student to the principles of evidence-based research and information utilization. Students will learn to critically appraise, interpret and apply disseminated information to enhance clinical decision-making and patient care.								
HSP	RCS	PA	6220	<b>Evidence-Based Research II</b>	Lecture	1	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: PA 6210								
		COURSE DESC:		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	<b>Evidence-Based Research III</b>	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	<b>Introduction to Physical Therapy</b>	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	<b>Introductions to Physical Therapy Clinical Experience</b>	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	<b>Introductions to Physical Therapy Clinical Experience</b>	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	<b>Special Topics in Physical Therapy</b>	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	PT	6300	<b>Advanced Anatomy and Pathology of the Musculoskeletal System</b>	Laboratory	3	0		I	G50		0
		ELIGIBLE GRADES:		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.								
HSP	RCS	PT	6300	<b>Advanced Anatomy and Pathology of the Musculoskeletal System</b>	Lecture	3	0		I	G50		0
		ELIGIBLE GRADES:		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.								

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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	RCS	PT	6310	<b>Advanced Upper Quarter Orthopedics</b>	Laboratory	3	0		I	G50		0
				ELIGIBLE GRADES: GEC1: A-F								
				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.								
HSP	RCS	PT	6310	<b>Advanced Upper Quarter Orthopedics</b>	Lecture	3	0		I	G50		0
				ELIGIBLE GRADES: GEC1: A-F								
				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.								
HSP	RCS	PT	6320	<b>Advanced Lower Quarter Orthopedics</b>	Laboratory	3	0		I	G50		0
				ELIGIBLE GRADES: GEC1: A-F								
				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.								
HSP	RCS	PT	6320	<b>Advanced Lower Quarter Orthopedics</b>	Lecture	3	0		I	G50		0
				ELIGIBLE GRADES: GEC1: A-F								
				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.								
HSP	RCS	PT	6900	<b>Special Topics in Physical Therapy</b>	Lecture	1 to 15	999		N	G50		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR								
				COURSE DESC: Specific course content will vary with offering.								
HSP	RCS	PT	7010	<b>Anatomical Dissection for Physical Therapists</b>	Laboratory	5	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, 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.								
HSP	RCS	PT	7010	<b>Anatomical Dissection for Physical Therapists</b>	Lecture	5	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, 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.								
HSP	RCS	PT	7011	<b>Anatomical Dissection of the Extremities for PT</b>	Laboratory	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	7011	<b>Anatomical Dissection of the Extremities for PT</b>	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.								

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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	7012	<b>Anatomical Dissection of the Spine and Trunk for PT</b>	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	<b>Anatomical Dissection of the Spine and Trunk for PT</b>	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	<b>Clinical Skills and Examination I</b>	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	<b>Clinical Skills and Examination I</b>	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	<b>Clinical Skills and Examination I: Foundations</b>	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	<b>Clinical Skills and Examination I: Applications</b>	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	<b>Clinical Skills and Examination II</b>	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	<b>Clinical Skills and Examination II</b>	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.								
HSP	RCS	PT	7041	<b>Clinical Skills and Examination II: Foundations</b>	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				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.								

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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	<b>PT</b>	<b>7042</b>	<b>Clinical Skills and Examination II: Applications</b>	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	<b>PT</b>	<b>7110</b>	<b>Clinical Science: Pathophysiology</b>	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	<b>PT</b>	<b>7111</b>	<b>Clinical Medicine in Physical Therapy</b>	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	<b>PT</b>	<b>7120</b>	<b>Cardiopulmonary Conditions in Physical Therapy</b>	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	<b>PT</b>	<b>7130</b>	<b>Differential Diagnosis and Acute Care in Physical Therapy</b>	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	<b>PT</b>	<b>7140</b>	<b>Pharmacology in Physical Therapy</b>	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	<b>PT</b>	<b>7150</b>	<b>Imaging in Rehabilitation</b>	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	<b>PT</b>	<b>7300</b>	<b>Clinical and Professional Orientation in Physical Therapy</b>	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.								

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HSP	RCS	PT	7301	<b>Clinical and Professional Orientation in Physical Therapy</b>	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	7310	<b>Professional Communication and Documentation</b>	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	7311	<b>Professional Communication and Documentation in PT</b>	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	7400	<b>Evidence-Based Practice in Physical Therapy</b>	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	7500	<b>Neuroanatomy for Physical Therapists</b>	Laboratory	2	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	7500	<b>Neuroanatomy for Physical Therapists</b>	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	7510	<b>Neural Basis of Movement I: Systems and Behavioral Neuroscience</b>	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	7520	<b>Physical Therapy Mgt of Brain Injury and Balance Disorders</b>	Laboratory	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	7520	<b>Physical Therapy Mgt of Brain Injury and Balance Disorders</b>	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								

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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	7521	<b>Foundations for Management of Adult Stroke and Brain Injury in Physical Therapy</b>	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	<b>Clinical Applications for Management of Adult Stroke and Brain Injury in Physical Therapy</b>	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	<b>Balance and Vestibular Conditions in Physical Therapy</b>	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	<b>Physical Therapy Management of Chronic and/or Progressive Disorders</b>	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	<b>Physical Therapy Management of Chronic and/or Progressive Disorders</b>	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	<b>Foundations for Management of Chronic and/or Progressive Disability in Physical Therapy</b>	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	<b>Clinical Applications for Patients with Chronic and/or Progressive Disability in Physical Therapy</b>	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	<b>Neural Synthesis</b>	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	<b>Neural Synthesis</b>	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.								

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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	7650	<b>Physical Therapy Management: Physical Agents</b>	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	<b>Physical Therapy Management: Physical Agents</b>	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	<b>Physical Agents in Physical Therapy</b>	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	<b>Wound Care in Physical Therapy</b>	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	<b>Tissue Mechanics</b>	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	<b>Tissue Mechanics</b>	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	<b>Tissue Mechanics: Non-contractile Tissues</b>	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	<b>Tissue Mechanics: Contractile Tissue and Therapeutic Exercise</b>	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	<b>Orthopedics I: Upper Quarter</b>	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.								



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HSP	RCS	PT	7710	<b>Orthopedics I: Upper Quarter</b>	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7700 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.								
HSP	RCS	PT	7711	<b>Foundations of Orthopedics for the Upper Quarter in Physical Therapy</b>	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7701 and PT 7702 PR								
				COURSE DESC: 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	<b>Clinical Applications for the Upper Quarter in Physical Therapy</b>	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7701 and PT 7702 PR								
				COURSE DESC: 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	<b>Orthopedics II: Lower Quarter</b>	Laboratory	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7700 PR								
				COURSE DESC: 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	<b>Orthopedics II: Lower Quarter</b>	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7700 PR								
				COURSE DESC: 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	<b>Foundations of Orthopedics for the Lower Quarter</b>	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7041 and 7042 PR								
				COURSE DESC: 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	<b>Clinical Applications for the Lower Quarter</b>	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7041 and 7042 PR								
				COURSE DESC: 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	<b>Orthopedics III: Spine</b>	Laboratory	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7720 PR								
				COURSE DESC: 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	<b>Orthopedics III: Spine</b>	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, REQUISITE: PT 7720 PR								
				COURSE DESC: Focuses on the orthopedic examination and treatment of the spine for physical therapists. Manual skills and appropriate exercise programs for the spine will be developed.								

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HSP	RCS	PT	7731	<b>Foundations of Orthopedics for the Spine</b>	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	<b>Clinical Applications for the Spine</b>	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	<b>Service Learning in Physical Therapy</b>	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	<b>Critical Analysis and Presentation of Scientific Studies</b>	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	<b>Integrated Clinical Experience in Physical Therapy</b>	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	<b>Independent Study</b>	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	<b>Physical Therapy Complex Case Synthesis</b>	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	<b>Regulation and Reimbursement in Physical Therapy</b>	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	<b>Planning and Implementing a Physical Therapy Service</b>	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	<b>Management, Leadership, and Ethical and Legal Practice in Physical Therapy</b>	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.								

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HSP	RCS	PT	8341	<b>Synthesis of Professional Development in Physical Therapy</b>	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8410	<b>Physical Therapy Management of Pediatric Disorders</b>	Laboratory	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8410	<b>Physical Therapy Management of Pediatric Disorders</b>	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8411	<b>Foundations of Pediatric Physical Therapy</b>	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8412	<b>Clinical Applications for Pediatric Physical Therapy</b>	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8500	<b>Health Promotion and Wellness</b>	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8510	<b>Rehabilitation Management: Functional Support Mechanisms</b>	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8610	<b>Physical Therapy Advanced Evaluation and Treatment in Low Back Pain</b>	Laboratory	2	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								

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HSP	RCS	PT	8610	<b>Physical Therapy Advanced Evaluation and Treatment in Low Back Pain</b>	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	<b>Evaluation and Treatment of the Temporomandibular Joint</b>	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	<b>Evaluation and Treatment of the Temporomandibular Joint</b>	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	<b>Biomechanical Foot Evaluation and Treatment in Physical Therapy</b>	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	<b>Biomechanical Foot Evaluation and Treatment in Physical Therapy</b>	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	<b>Sports Physical Therapy</b>	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	<b>Sports Physical Therapy</b>	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	<b>Physical Therapy Management of Women's Health</b>	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	<b>Physical Therapy Management of Women's Health</b>	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	<b>Physical Therapy Seminar</b>	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.								

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HSP	RCS	PT	8760	<b>Manual Therapy I</b>	Laboratory	2	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8760	<b>Manual Therapy I</b>	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8761	<b>Manual Therapy for the Extremities</b>	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8770	<b>Manual Therapy II</b>	Laboratory	2	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8770	<b>Manual Therapy II</b>	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8771	<b>Manual Therapy for the Spine</b>	Lecture	4	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8900	<b>Special Topics in Physical Therapy</b>	Lecture	1 to 15	999		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8901	<b>Clinical Workshops in Physical Therapy</b>	Lecture	1 to 3	3		I	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8902	<b>Advanced Neuroscience Seminar</b>	Seminar	2	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8903	<b>Advanced Pediatrics for Physical Therapists</b>	Seminar	2	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8904	<b>Orthopedics in Physical Therapy: Seminar</b>	Seminar	2	0		N	G50		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	RCS	PT	8905	<b>Interdisciplinary Seminar in Patient Care</b>	Seminar	2	0		I	G50		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
HSP	RCS	PT	8906	<b>Amplitude Specific Training for Parkinson's Disease</b>	Lecture	1	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				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	<b>Analysis and Treatment of the Running Athlete</b>	Lecture	3	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				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	<b>Advanced Balance and Vestibular Care in Physical Therapy</b>	Lecture	2	0		N	G50		0
				ELIGIBLE GRADES: GEC2: A-F, PR								
				COURSE DESC: The physical therapy student gains advanced knowledge and skills in vestibular rehabilitation that are beyond entry-level expectations as described by the American Physical Therapy Association's (APTA) guidelines. Topics include surgical and pharmacological management of vestibular disorders, advanced vestibular function tests, interpretation of videonystagmography (VNG), and less common vestibular diagnoses.								
HSP	RCS	PT	8920	<b>Clinical Practicum I</b>	Practicum	5	10		N	G50		0
				ELIGIBLE GRADES: GEC5: CR, PR, F								
				COURSE DESC: Provides students with a supervised experience at a selected acute care or outpatient orthopedic clinical site. Students are given the opportunity to develop basic clinical skills in assessment and management of patients with elementary clinical conditions under the direct supervision of clinical faculty.								
HSP	RCS	PT	8921	<b>Clinical Practicum II</b>	Practicum	10	20		N	G50		0
				ELIGIBLE GRADES: GEC5: CR, PR, F								
				COURSE DESC: Provides students with a supervised clinical experience at a selected acute care, outpatient orthopedic or neurologic rehabilitation clinical site different from previously used. Students will develop intermediate-level clinical skills in the assessment and management of patients with more complex conditions. Patients with integumentary or cardiopulmonary disorders may also be encountered.								
HSP	RCS	PT	8922	<b>Clinical Practicum III</b>	Practicum	6	0		N	G50		0
				ELIGIBLE GRADES: GEC5: CR, PR, F								
				COURSE DESC: Provides students with a supervised experience at a selected acute care, outpatient orthopedic, neurological rehabilitation, or pediatric clinical site. Students are given the opportunity to develop more advanced clinical skills in assessment and management of patients with conditions related to the area of practice under the direct supervision of clinical faculty.								
HSP	RCS	PT	8923	<b>Clinical Practicum IV</b>	Practicum	6	0		N	G50		0
				ELIGIBLE GRADES: GEC5: CR, PR, F								
				COURSE DESC: Provides students with a supervised period of study at a selected clinical site emphasizing complex patient problems. Students are given the opportunity to develop advanced clinical skills in assessment, decision-making, and management of patients under the direct supervision of clinical faculty.								
HSP	RCS	PT	8924	<b>Extended Terminal Clinical Practicum</b>	Practicum	12	24		N	G50		0
				ELIGIBLE GRADES: GEC5: CR, PR, F								
				COURSE DESC: This course provides students with an extended supervised period of intensive study at a selected clinical site emphasizing advanced skills and complex patients. Since this is an extended terminal practicum, advanced entry-level learning opportunities related to professional development, patient/client management and practice management are provided.								
HSP	RCS	PT	8940	<b>Research/Capstone</b>	Research	1 to 3	9		N	G50		0
				ELIGIBLE GRADES: GEC5: CR, PR, F								
				COURSE DESC: The student has a mentoring relationship with a faculty member concerning the student's chosen research topic.								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	RSP	<b>PAW</b>	<b>4XXL</b>	<b>4000 LEVEL ELECTIVE</b>	Lecture	1 to 999	999		N			0
		ELIGIBLE GRADES:		Transfer								
		COURSE DESC:		Grading Basis								
				REQUISITE:								

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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	<b>CFS</b>	<b>2000</b>	<b>Fundamentals in Child and Family Studies</b>	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	<b>CFS</b>	<b>2100</b>	<b>Fundamentals in Child Life and Pediatric Health Care Settings</b>	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	<b>CFS</b>	<b>2700</b>	<b>Intimate and Family Relationships</b>	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	<b>CFS</b>	<b>2710</b>	<b>Individuals and Families Over the Lifespan</b>	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	<b>CFS</b>	<b>2720</b>	<b>Ageing and Family Relations in Modern Society</b>	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	<b>CFS</b>	<b>2900</b>	<b>Special Topics in Child and Family Studies</b>	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	<b>CFS</b>	<b>2980</b>	<b>Introduction to Child Life and Field Experience</b>	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	<b>CFS</b>	<b>2980</b>	<b>Introduction to Child Life and Field Experience</b>	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	<b>CFS</b>	<b>2990</b>	<b>Introduction to Child and Family Studies and Field Experience</b>	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	<b>CFS</b>	<b>2990</b>	<b>Introduction to Child and Family Studies and Field Experience</b>	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.								



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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	SPH	<b>CFS</b>	<b>3601</b>	<b>Human Sexualities</b>	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	<b>CFS</b>	<b>3700X</b>	<b>The Business of Aging</b>	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	<b>CFS</b>	<b>3800</b>	<b>Death, Dying and Bereavement</b>	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	<b>CFS</b>	<b>3810</b>	<b>Research Design and Program Evaluation</b>	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	<b>CFS</b>	<b>3920</b>	<b>Child and Family Studies Practicum</b>	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	<b>CFS</b>	<b>3920</b>	<b>Child and Family Studies Practicum</b>	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	<b>CFS</b>	<b>4070</b>	<b>Interprofessional Gerontology</b>	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	<b>CFS</b>	<b>4590</b>	<b>Child and Family Studies Course in International Service</b>	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	<b>CFS</b>	<b>4600</b>	<b>Children, Families, and Diversity</b>	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	<b>CFS</b>	<b>4602</b>	<b>Professional Assessment and Helping Skills</b>	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.								

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HSP	SPH	<b>CFS</b>	<b>4610</b>	<b>Dynamics in Parent-Child Relations</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in (CFS 2700 and 2710) and (Jr or Sr) 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	<b>CFS</b>	<b>4630</b>	<b>Transitions in Development: Middle Childhood</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in (CFS 2700 and 2710) and (Jr or Sr) 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	<b>CFS</b>	<b>4640</b>	<b>Children, Families, and Poverty</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in (CFS 2700 and 2710) and (Jr or Sr) 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	<b>CFS</b>	<b>4650</b>	<b>Transitions in Development: Adolescence</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in (CFS 2700 and 2710) and (Jr or Sr) 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	<b>CFS</b>	<b>4660</b>	<b>Transitions in Development: Middle and Later Life</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in (CFS 2700 and 2710) and (Jr or Sr) 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	<b>CFS</b>	<b>4670</b>	<b>Children, Families, Stress and Trauma</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in (CFS 2700 and 2710) and (Jr or Sr) The purpose is to help students understand the nature and impact of traumatic experiences on children, adolescents, adults, and families. Examines the history, scope, and impact of human trauma, resiliency, and adaptation. It explores traumatic stress syndromes, vicarious trauma, and universal traumatic response patterns. Considers the impact of these experiences from a biopsychosocial and developmental perspective: psychological trauma has somatic consequences. Treatment, intervention, adaptation, resiliency, recovery, attachment, personal meaning, and the spiritual aspects of trauma are explored. Intended to provide students with a clear understanding of the physical and psychological processes involved in adaptation and integration and how untreated trauma can lead to lifelong pathology and dysfunction.								
HSP	SPH	<b>CFS</b>	<b>4710</b>	<b>Family Life Education</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in (CFS 2700 and 2710) and (Jr or Sr) An introduction in the content and methodology of family life education. It explores the historical roots, philosophy, and objectives of family life education and examines current trends and challenges that face professional family life educators. Intended to help you develop the knowledge and practical skills that are required to identify needs, design programs, teach family life education, effectively facilitate groups, and evaluate participants and programs in a wide variety of settings with a broad range of populations. Emphasizes each of the ten content areas of family life education.								
HSP	SPH	<b>CFS</b>	<b>4760</b>	<b>Children and Families in Health Care Settings</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in (CFS 2700 and 2710 and 2980) and (Jr or Sr) Students will acquire skills in helping children and families cope with the stress of a health care experience, in hospitals and other medical settings. In addition, analysis of stress, coping theories and reactions will be examined, as well as exploration of developmental and psychosocial care of hospitalized children and their families.								
HSP	SPH	<b>CFS</b>	<b>4770</b>	<b>Professional Practices in Child Life</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in (CFS 2700 and 2710 and 2980) and (Jr or Sr) Students will learn clinical and professional practices required to work in the field of Child Life including, but not limited to: assessment, coping techniques, distraction, education/teaching tools, developmental play, medical play, documentation, therapeutic activities, and assessment tools utilized within the scope of child life.								
HSP	SPH	<b>CFS</b>	<b>4780</b>	<b>Advanced Child Life</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: C or better in (CFS 4760 & 4770) & Sr Advanced course in child life studies designed to critically analyze and integrate child life and psychosocial theory, professional competencies of the child life profession, and working on multidisciplinary psychosocial and medical teams in pediatric health care settings. Includes preparation for the upcoming final 600 hour clinical internship necessary for national certification.								

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HSP	SPH	<b>CFS</b>	<b>4900</b>	<b>Special Topics in Child and Family Studies</b>	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	<b>CFS</b>	<b>4910</b>	<b>Child and Family Studies Internship</b>	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	<b>CFS</b>	<b>4920</b>	<b>Child Life Practicum</b>	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	<b>CFS</b>	<b>4930</b>	<b>Independent Study in Child and Family Studies</b>	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	<b>CFS</b>	<b>4950H</b>	<b>Honors Seminar in Child and Family Studies</b>	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	<b>CFS</b>	<b>4970H</b>	<b>Honors Readings in Child and Family Studies</b>	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	<b>CFS</b>	<b>4980H</b>	<b>Honors Research in Child and Family Studies</b>	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	<b>CFS</b>	<b>4990H</b>	<b>Honors Thesis in Child and Family Studies</b>	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	<b>CFS</b>	<b>5590</b>	<b>Child and Family Studies Course in International Service</b>	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	<b>CFS</b>	<b>5600</b>	<b>Children, Families, and Diversity</b>	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	<b>CFS</b>	<b>5601</b>	<b>Human Sexualities</b>	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	<b>CFS</b>	<b>5602</b>	<b>Professional Assessment and Helping Skills</b>	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	<b>CFS</b>	<b>5610</b>	<b>Dynamics in Parent-Child Relations</b>	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	<b>CFS</b>	<b>5630</b>	<b>Transitions in Development: Middle Childhood</b>	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	<b>CFS</b>	<b>5640</b>	<b>Children, Families, and Poverty</b>	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	<b>CFS</b>	<b>5650</b>	<b>Transitions in Development: Adolescence</b>	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	<b>CFS</b>	<b>5660</b>	<b>Transitions in Development: Middle and Later Life</b>	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	<b>CFS</b>	<b>5670</b>	<b>Children, Families, Stress and Trauma</b>	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	<b>CFS</b>	<b>5700X</b>	<b>The Business of Aging</b>	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	<b>CFS</b>	<b>5710</b>	<b>Family Life Education</b>	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.								

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HSP	SPH	<b>CFS</b>	<b>5760</b>	<b>Children and Families in Health Care Settings</b>	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	<b>CFS</b>	<b>5770</b>	<b>Professional Practices in Child Life</b>	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	<b>CFS</b>	<b>5780</b>	<b>Advanced Child Life</b>	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	<b>CFS</b>	<b>5800</b>	<b>Death, Dying and Bereavement</b>	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	<b>CFS</b>	<b>5810</b>	<b>Research Design and Program Evaluation</b>	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	<b>CFS</b>	<b>5900</b>	<b>Special Topics in Child and Family Studies</b>	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	<b>CFS</b>	<b>5910</b>	<b>Child and Family Studies Internship</b>	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	<b>CFS</b>	<b>5920</b>	<b>Child Life Practicum</b>	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	<b>CFS</b>	<b>5930</b>	<b>Independent Study in Child and Family Studies</b>	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	<b>CFS</b>	<b>6260</b>	<b>Graduate Seminar in Child and Family Studies</b>	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	<b>CFS</b>	<b>6280</b>	<b>Foundations and Theory in Child Life</b>	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	<b>CFS</b>	<b>6400</b>	<b>Supervision in Child and Family Studies</b>	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.								

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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	<b>CFS</b>	<b>6700</b>	<b>Qualitative Methods for Children, Adults, and Families</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:							
		COURSE DESC:		Introduces graduate students to qualitative methods in Child and Family Studies and related disciplines. Students will examine historical roots, epistemological perspectives, and ethical issues in qualitative research. Additionally, students will focus on the set of methodological techniques that are needed when researchers create and conduct qualitative research studies, especially those typically used for conducting research in child and family studies. We will explore participant observation, interviewing, and focus group strategies with specific content focused on children, adults, and families.								
HSP	SPH	<b>CFS</b>	<b>6740</b>	<b>Advanced Family Development</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:							
		COURSE DESC:		Focuses on families; illuminating structure, function, issues and concerns, and will utilize current and pertinent research in the family studies discipline. Additionally, will provide a broad and systematic understanding of the theoretical foundations of understanding family experiences.								
HSP	SPH	<b>CFS</b>	<b>6750</b>	<b>Introduction to Principles of Family Consulting</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:							
		COURSE DESC:		The purpose is to prepare students for advanced consultation with families in a broad range of human services settings. Theoretical approaches to assessment and intervention are considered as is the acquisition of advanced skill sets in working with families. Special emphasis is placed on the complex challenges of working with diverse populations from a strengths-based perspective.								
HSP	SPH	<b>CFS</b>	<b>6890</b>	<b>Self, Aging, and Society</b>	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	<b>CFS</b>	<b>6900</b>	<b>Special Topics in Child and Family Studies</b>	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.								
HSP	SPH	<b>CFS</b>	<b>6901</b>	<b>Thanatology</b>	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	<b>CFS</b>	<b>6940</b>	<b>Research</b>	Research	1 to 5	10		I	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	REQUISITE:	Permission required						
		COURSE DESC:		Independent investigation in one area of child and family studies.								
HSP	SPH	<b>CFS</b>	<b>6950</b>	<b>Thesis</b>	Thesis	1 to 5	5		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:	Permission required						
		COURSE DESC:		Independent research in one area of child and family studies.								
HSP	SPH	<b>EH</b>	<b>2000</b>	<b>Introduction to Environmental Health and Safety</b>	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	<b>EH</b>	<b>2900</b>	<b>Special Topics in Environmental Health</b>	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, CR	REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.								
HSP	SPH	<b>EH</b>	<b>3040</b>	<b>Environmental Health in Appalachia</b>	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.								

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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	SPH	EH	3100	<b>Air, Waters and Wastes</b> 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	<b>Health and the Built Environment</b> 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	<b>Food Quality and Vector Control</b> 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	<b>Environmental Health and Safety Risk Communication</b> 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	<b>Occupational Safety and Health</b> 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	<b>Environmental Risks and Society Benefits</b> 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	<b>Special Topics - Environmental Health</b> 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	<b>Environmental Health Practicum</b> 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	<b>Independent Study</b> 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	<b>Environmental Health and Safety Risk Communication</b> 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	<b>Air, Waters and Wastes</b> 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	<b>Health and the Built Environment</b> 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

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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	SPH	<b>EH</b>	<b>5300</b>	<b>Food Quality and Vector Control</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>EH</b>	<b>5400</b>	<b>Occupational Safety and Health</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>EH</b>	<b>5900</b>	<b>Special Topics in Environmental Health</b>	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		CR, PR	Specific course content will vary with offering.							
HSP	SPH	<b>EH</b>	<b>6010</b>	<b>Climate Change and Public Health</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>EH</b>	<b>6900</b>	<b>Special Topics - Environmental Health</b>	Seminar	3	6		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>EH</b>	<b>6930</b>	<b>Independent Study</b>	Ind Study	1 to 6	12		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		COURSE DESC:		PR	Permission required Assignments and content will vary with each individual student.							
HSP	SPH	<b>EVT</b>	<b>1000</b>	<b>Introduction to Environmental Engineering Technology</b>	Lecture	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F,								
		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	<b>EVT</b>	<b>1100</b>	<b>Environmental Engineering Instrumentation and Computation</b>	Laboratory	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F,								
		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	<b>EVT</b>	<b>1100</b>	<b>Environmental Engineering Instrumentation and Computation</b>	Lecture	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F,								
		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	<b>EVT</b>	<b>1200</b>	<b>Introduction to Environmental Chemistry</b>	Laboratory	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F,								
		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	<b>EVT</b>	<b>1200</b>	<b>Introduction to Environmental Chemistry</b>	Lecture	3	0		N	U20	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F,								
		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.							



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HSP	SPH	<b>EVT</b>	<b>1250</b>	<b>Hazwoper</b>	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	<b>EVT</b>	<b>1250</b>	<b>Hazwoper</b>	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	<b>EVT</b>	<b>1400</b>	<b>Introduction to Air and Wastewater Pollution</b>	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	<b>EVT</b>	<b>1900</b>	<b>Special Topics</b>	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	<b>EVT</b>	<b>1900</b>	<b>Special Topics</b>	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	<b>EVT</b>	<b>1910</b>	<b>Internship/Practicum/Cooperative Education</b>	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	<b>EVT</b>	<b>2000</b>	<b>Site Investigation, Sampling, and Monitoring</b>	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	<b>EVT</b>	<b>2000L</b>	<b>Site Investigation, Sampling, and Monitoring Laboratory</b>	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	<b>EVT</b>	<b>2100</b>	<b>Introduction to Health Physics</b>	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	<b>EVT</b>	<b>2100</b>	<b>Introduction to Health Physics</b>	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	<b>EVT</b>	<b>2200</b>	<b>Fluid Mechanics</b>	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.								

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HSP	SPH	<b>EVT</b>	<b>2200</b>	<b>Fluid Mechanics</b>	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	<b>EVT</b>	<b>2400</b>	<b>Air Sampling and Analysis</b>	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	<b>EVT</b>	<b>2400L</b>	<b>Air Sampling and Analysis Laboratory</b>	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	<b>EVT</b>	<b>2500</b>	<b>Analysis of Environmental Pollutants</b>	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	<b>EVT</b>	<b>2500L</b>	<b>Analysis of Environmental Pollutants Laboratory</b>	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	<b>EVT</b>	<b>2600</b>	<b>Environmental Risk Assessment</b>	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	<b>EVT</b>	<b>2900</b>	<b>Special Topics</b>	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	<b>EVT</b>	<b>2900</b>	<b>Special Topics</b>	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	<b>EVT</b>	<b>2910</b>	<b>Internship/Practicum/Cooperative Education</b>	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	<b>HLTH</b>	<b>2000</b>	<b>Introduction to Public Health</b>	Lecture	3	0	2AS	N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Fr or Soph								
		COURSE DESC:		Introduces all major study areas of public health, including community health, environmental health, health administration, biostatistics, epidemiology, nutrition, population health, disease prevention and control, and healthcare systems. Includes information on how these functions interact to provide society with the health safeguards or protections expected on the basis of humanitarian, regulatory, or ethical considerations.								
HSP	SPH	<b>HLTH</b>	<b>2020</b>	<b>Introduction to Health and Lifestyle Choices</b>	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	<b>HLTH</b>	<b>2030</b>	<b>Foundations in Health Education</b>	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.								

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HSP	SPH	<b>HLTH</b>	<b>2040</b>	<b>Alcohol, Tobacco, and Other Drugs</b>	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	<b>HLTH</b>	<b>2050</b>	<b>Preventing HIV and STIs</b>	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	<b>HLTH</b>	<b>2100</b>	<b>Women and Health</b>	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	<b>HLTH</b>	<b>2120</b>	<b>Controlling Stress and Tension</b>	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	<b>HLTH</b>	<b>2150</b>	<b>Violence in America</b>	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	<b>HLTH</b>	<b>2170</b>	<b>Health System Organization, Financing, and Delivery</b>	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	<b>HLTH</b>	<b>2230</b>	<b>Introduction to Appalachian Studies</b>	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	<b>HLTH</b>	<b>2250</b>	<b>Long-Term Care Administration I</b>	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	<b>HLTH</b>	<b>2300</b>	<b>Medical Terminology</b>	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	<b>HLTH</b>	<b>2700</b>	<b>Family and Consumer Health</b>	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	<b>HLTH</b>	<b>2900</b>	<b>Special Topics in Health</b>	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	<b>HLTH</b>	<b>2901</b>	<b>Health Aspects of Aging</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Theories of aging involving changes in structure and performance. Emphasis on normal aging changes, mental changes, mental health, health promotion, and community health.								
HSP	SPH	<b>HLTH</b>	<b>2970T</b>	<b>Public Health Tutorial</b>	Ind Study	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC						
		COURSE DESC:		Tutorial study for first-year Honors Tutorial students in Public Health.								

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HSP	SPH	<b>HLTH</b>	<b>2970T</b>	<b>Public Health Tutorial</b>	Tutorial	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE: HTC							
		COURSE DESC:		Tutorial study for first-year Honors Tutorial students in Public Health.								
HSP	SPH	<b>HLTH</b>	<b>2971T</b>	<b>Public Health Tutorial</b>	Ind Study	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE: HTC							
		COURSE DESC:		Tutorial study for second-year Honors Tutorial students in Public Health.								
HSP	SPH	<b>HLTH</b>	<b>2971T</b>	<b>Public Health Tutorial</b>	Tutorial	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE: HTC							
		COURSE DESC:		Tutorial study for second-year Honors Tutorial students in Public Health.								
HSP	SPH	<b>HLTH</b>	<b>2980T</b>	<b>Public Health Tutorial</b>	Ind Study	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE: HTC							
		COURSE DESC:		Tutorial study for first-year Honors Tutorial students in Public Health.								
HSP	SPH	<b>HLTH</b>	<b>2980T</b>	<b>Public Health Tutorial</b>	Tutorial	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE: HTC							
		COURSE DESC:		Tutorial study for first-year Honors Tutorial students in Public Health.								
HSP	SPH	<b>HLTH</b>	<b>2981T</b>	<b>Public Health Tutorial</b>	Ind Study	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE: HTC							
		COURSE DESC:		Tutorial study for second-year Honors Tutorial students in Public Health.								
HSP	SPH	<b>HLTH</b>	<b>2981T</b>	<b>Public Health Tutorial</b>	Tutorial	1 to 5	5		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE: HTC							
		COURSE DESC:		Tutorial study for second-year Honors Tutorial students in Public Health.								
HSP	SPH	<b>HLTH</b>	<b>3100</b>	<b>Health Behavior Theory in Public and Community Health</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE: HLTH 2000 and 2030							
		COURSE DESC:		Introduces students to the most commonly used models and theories in public health.								
HSP	SPH	<b>HLTH</b>	<b>3150C</b>	<b>Community Engagement in Appalachian Health</b>	Lecture	3	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE: IHS 2230 or EH 3040 or GEOG 3330 or SOC 3090 or HLTH 2000							
		COURSE DESC:		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	<b>HLTH</b>	<b>3160</b>	<b>Human Resources Management in Health Care</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE: HLTH 2170							
		COURSE DESC:		Introduces students to human resources management practices and issues within health care organizations.								
HSP	SPH	<b>HLTH</b>	<b>3250</b>	<b>Long Term Care Administration Core of Knowledge</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE: CFS 2720 or concurrent							
		COURSE DESC:		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	<b>HLTH</b>	<b>3300</b>	<b>Community Health Epidemiology</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE: HLTH 2000 and (PSY 1110 or 2110) and (Jr or Sr)							
		COURSE DESC:		This course includes the basic principles and methods of epidemiology and its applications to community and public health. Course content also includes epidemiological concepts of risk and protective factors and basic design of epidemiological studies in the context of population health.								
HSP	SPH	<b>HLTH</b>	<b>3350</b>	<b>Leadership and Management of Health Care Organizations</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE: HLTH 2170							
		COURSE DESC:		Focuses on the understanding, skill, and ethical issues important to the management, organization, planning, financing, and evaluation of a health care organization and its services to patients. Emphasis on the administrator's role in leading the health care organization.								
HSP	SPH	<b>HLTH</b>	<b>3400</b>	<b>Contemporary Problems in Health Care Organizations</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE: HLTH 2170							
		COURSE DESC:		Identifies and discusses the major contemporary issues impacting health care organizations and systems. Provides exercises in the application of management skills and knowledge necessary to confront and address these problems and issues.								

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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	SPH	<b>HLTH</b>	<b>3400J</b>	<b>Grant Writing for Public Health Sciences</b>	Lecture	3	0	1J; FAW	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HLTH 3100 and 3300 and (Jr or Sr)								
		COURSE DESC:		Focuses on developing grant writing skills for the public health sciences. Students will write and prepare grant proposals in response to program announcements from a variety of public and private sources.								
HSP	SPH	<b>HLTH</b>	<b>3450</b>	<b>School Health</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Jr or Sr								
		COURSE DESC:		Principles, problems, organization, and administration of school health programs, including health services, healthful school environment, health instruction, and school and community relationships.								
HSP	SPH	<b>HLTH</b>	<b>3735</b>	<b>Introduction to Health Informatics</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HLTH 2170								
		COURSE DESC:		Provides an overview of the principles of designing, acquiring, selecting, utilizing, and evaluating information systems in health care organizations. Includes an analysis of both clinical and administrative decision support systems and their associated applications.								
HSP	SPH	<b>HLTH</b>	<b>3850</b>	<b>Quality Improvement in Healthcare Organizations</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
HSP	SPH	<b>HLTH</b>	<b>3930</b>	<b>Independent Study</b>	Ind Study	1 to 5	10		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: Permission required and (Jr or Sr)								
		COURSE DESC:		Study and/or research in selected topics of interest to students in health sciences.								
HSP	SPH	<b>HLTH</b>	<b>3970T</b>	<b>Public Health Tutorial</b>	Ind Study	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC								
		COURSE DESC:		Tutorial study for third-year Honors Tutorial students in Public Health.								
HSP	SPH	<b>HLTH</b>	<b>3970T</b>	<b>Public Health Tutorial</b>	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC								
		COURSE DESC:		Tutorial study for third-year Honors Tutorial students in Public Health.								
HSP	SPH	<b>HLTH</b>	<b>3980T</b>	<b>Public Health Tutorial</b>	Ind Study	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC								
		COURSE DESC:		Tutorial student for third-year Honors Tutorial students in Public Health								
HSP	SPH	<b>HLTH</b>	<b>3980T</b>	<b>Public Health Tutorial</b>	Tutorial	1 to 12	12		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC								
		COURSE DESC:		Tutorial student for third-year Honors Tutorial students in Public Health								
HSP	SPH	<b>HLTH</b>	<b>4050</b>	<b>Principles of Nursing Home Administration</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
HSP	SPH	<b>HLTH</b>	<b>4060</b>	<b>Principles of Nursing Home Administration Alternatives</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		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.								
HSP	SPH	<b>HLTH</b>	<b>4100</b>	<b>Program Planning and Implementation in Community Health</b>	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	<b>HLTH</b>	<b>4120</b>	<b>Global Health Programming</b>	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	<b>HLTH</b>	<b>4200</b>	<b>Program Evaluation in Community Health</b>	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.								

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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	<b>HLTH</b>	<b>4210</b>	<b>Health Care Finance I</b>	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	<b>HLTH</b>	<b>4220</b>	<b>Health Care Finance II</b>	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	<b>HLTH</b>	<b>4300</b>	<b>Health Issues: U.S. Underserved Populations</b>	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	<b>HLTH</b>	<b>4375</b>	<b>Health Care Policy</b>	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	<b>HLTH</b>	<b>4445</b>	<b>Health Care Law and Ethics</b>	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	<b>HLTH</b>	<b>4585</b>	<b>Strategic Marketing for Health Care Organizations</b>	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	<b>HLTH</b>	<b>4665</b>	<b>Administrative Applications in Health Care Organizations</b>	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	<b>HLTH</b>	<b>4800</b>	<b>Applied Service Learning in Rural Community Health</b>	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	<b>HLTH</b>	<b>4900</b>	<b>Special Topics in Health</b>	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	<b>HLTH</b>	<b>4910</b>	<b>Internship in Health Services Administration</b>	Internship	4 to 6	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission Required and Sr						
		COURSE DESC:		PR, F	Provides an administrative/programmatic experience under the direct supervision of an administrator in a health-related organization. Students complete supervised projects, and other administrative tasks under the joint supervision of a health care facility administrator and a program faculty member.							
HSP	SPH	<b>HLTH</b>	<b>4911</b>	<b>Community Health Services Internship</b>	Internship	6	0	BLD	N	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	HLTH 3300 and 4100 and 4200 and Sr						
		COURSE DESC:		CR, PR	Participation in activities of official or voluntary public health agency. Supervision of experience to be done by agency personnel and University faculty.							

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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	<b>HLTH</b>	<b>4912</b>	<b>Community Health Field Experience</b>	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:		PR, F Observation and participation in activities of community health agency, medical facility, or program.								
HSP	SPH	<b>HLTH</b>	<b>4914</b>	<b>Internship in Nursing Home Administration</b>	Internship	8	0	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: HLTH 4050 and Permission required								
		COURSE DESC:		PR, F 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	<b>HLTH</b>	<b>4920</b>	<b>Practicum in Nursing Home Administration Alternatives</b>	Practicum	6	0	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: HLTH 3250 and Permission required								
		COURSE DESC:		PR, F 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	<b>HLTH</b>	<b>4930</b>	<b>Independent Study</b>	Ind Study	1 to 4	8		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required								
		COURSE DESC:		CR, PR Allows for independent study of public health sciences topics of interest to students. Students work closely with a faculty member within the Department of Social and Public Health.								
HSP	SPH	<b>HLTH</b>	<b>4970T</b>	<b>Public Health Tutorial</b>	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	<b>HLTH</b>	<b>4970T</b>	<b>Public Health Tutorial</b>	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	<b>HLTH</b>	<b>4980T</b>	<b>Public Health Tutorial</b>	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	<b>HLTH</b>	<b>4980T</b>	<b>Public Health Tutorial</b>	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	<b>HLTH</b>	<b>5120</b>	<b>Global Health Programming</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	<b>HLTH</b>	<b>5300</b>	<b>Health Issues: U.S. Underserved Populations</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		PR 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	<b>HLTH</b>	<b>5850</b>	<b>Quality Improvement in Healthcare Organizations</b>	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	<b>HLTH</b>	<b>5900</b>	<b>Special Topics in Health</b>	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.								

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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	6000	<b>Assessment and Program Planning in Rural Public Health</b> 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.	Lecture	3	0		N	G40		0
HSP	SPH	HLTH	6001	<b>Program Planning and Implementation in Rural Public Health</b> 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.	Lecture	3	0		N	G40		0
HSP	SPH	HLTH	6002	<b>Program Evaluation in Rural Public Health</b> 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.	Lecture	3	0		N	G40		0
HSP	SPH	HLTH	6010	<b>Introduction to the U.S. Health Care Delivery System</b> 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.	Lecture	3	0		N	G40		0
HSP	SPH	HLTH	6020	<b>Information Systems for Health Services</b> 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.	Lecture	3	0		N	G40		0
HSP	SPH	HLTH	6030	<b>Leadership of Health Organizations</b> 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.	Lecture	3	0		N	G40		0
HSP	SPH	HLTH	6040	<b>Research and Quantitative Methods for Health Services</b> 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.	Lecture	3	0		N	G40		0
HSP	SPH	HLTH	6050	<b>Intervention Design and Implementation in Rural Public Health</b> 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.	Lecture	3	0		N	G40		0
HSP	SPH	HLTH	6060	<b>Gerontechnology</b> ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: An analysis of the health and environmental problems confronting an aging society and ways in which technology can be harnessed to address them. Topics and problems focus on existing technologies and their applicability for use by and for the elderly, and the identification of new technologies to enhance elderly independence both in the community and in healthcare settings.	Lecture	3	0		N	G40		0
HSP	SPH	HLTH	6070	<b>Health Promotion and Health Behavior</b> ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Theory and application of health promotion/education planning, implementation, and evaluation by health professions in a variety of settings. Emphasis on research related to determinants of health behavior, plus strategies and techniques used by professionals to foster human health.	Lecture	3	0		N	G40		0
HSP	SPH	HLTH	6080	<b>Health Policy</b> ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Impact of health care public policy; including the health administrator's role in policy analysis, development, interpretation, and implementation.	Lecture	3	0		N	G40		0
HSP	SPH	HLTH	6100	<b>Evaluation and Quality Improvement in Health Care</b> ELIGIBLE GRADES: GEC1: A-F REQUISITE: COURSE DESC: Evaluation strategies to assess and improve health care efficiency, effectiveness, and quality, including use of quality standards and protocols.	Lecture	3	0		N	G40		0



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HSP	SPH	<b>HLTH</b>	<b>6130</b>	<b>Aging and Health</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		Theories of aging involving changes in structure and performance presented. Emphasis on normal aging changes, positive mental health and aging, health promotion and maintenance of wellness, and community health.								
HSP	SPH	<b>HLTH</b>	<b>6140</b>	<b>Rural Health Disparities</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE:								
		COURSE DESC:		Includes factors influencing health outcomes in rural areas of the United States. Focuses on examining the disparities of access and availability of public health services, medical services, and other health-related services, in rural undeserved populations. Other issues include examining how socioeconomic status, ethnicity, geographic location, and cultural factors affect health outcomes in rural areas as well as how to reduce the existing rural health disparities.								
HSP	SPH	<b>HLTH</b>	<b>6150</b>	<b>Maternal and Child Health in Africa</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Examination of the health of mothers, infants, and children and the strategies for improving maternal and child health in the context of African health and sociocultural issues.								
HSP	SPH	<b>HLTH</b>	<b>6160</b>	<b>Health Care and People of Africa</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Examination of health care delivery services in the context of African cultures, population-based public health practice and the provision of health practice and the provision of health care facilities for the people of the African regions.								
HSP	SPH	<b>HLTH</b>	<b>6170</b>	<b>HIV/AIDS in Africa</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Examination of contemporary pandemic HIV/AIDS and the opportunistic infections as they affect morbidity and mortality rates in Africa and the complex interwoven factors underlining control and prevention, social concerns, and policy implications in African cultures.								
HSP	SPH	<b>HLTH</b>	<b>6210</b>	<b>Health Care Finance</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Financial administration concepts and tools (such as financial statement analysis, time value of money, cost analysis and rate-setting, budgeting, portfolio theory, asset pricing models, valuation methods, and cost of capital) essential in sustaining viability of various health care organizations.								
HSP	SPH	<b>HLTH</b>	<b>6220</b>	<b>Health Care Reimbursement</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Examination of payment mechanism characteristics and their effects on leadership decisions in various health care delivery organizations and systems.								
HSP	SPH	<b>HLTH</b>	<b>6240</b>	<b>Community Health Programs</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE:								
		COURSE DESC:		Institutional framework and activities of various agencies promoting and maintaining health of people of community, state, and nation.								
HSP	SPH	<b>HLTH</b>	<b>6280</b>	<b>Health Law</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Interface between the legal system and health care delivery system, considering the roles and rights of key U.S. health care stakeholders, including: patients, administrators, governing boards, state and federal government, third-party payors, and health care providers.								
HSP	SPH	<b>HLTH</b>	<b>6300</b>	<b>Epidemiology in Health Administration</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Rational basis for setting priorities and allocating scarce health care resources, including use of methodologically sound health statistics; understanding of natural history, classification, and prevention levels of disease; measurement of morbidity and mortality; causal inference; appropriate sources of health care data; and epidemiological principles.								
HSP	SPH	<b>HLTH</b>	<b>6350</b>	<b>Human Resources Leadership in Health Care</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Practical aspects of human resource leadership in various health care settings to optimize the performance of a diverse workforce.								
HSP	SPH	<b>HLTH</b>	<b>6380</b>	<b>Strategic Planning and Marketing in Health Care</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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.								

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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	SPH	<b>HLTH</b>	<b>6480</b>	<b>Ethical Issues in Health Care</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Exploration of dominant ethical theories and applicable principles relevant to current clinical and leadership issues in health care.								
HSP	SPH	<b>HLTH</b>	<b>6530</b>	<b>Managed Care</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Overview and analysis of the impact of managed care on care delivery; examination of key issues confronting administrators working for and with managed care organizations.								
HSP	SPH	<b>HLTH</b>	<b>6600</b>	<b>Management Applications in Health Care</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Integration of MHA program learning with the problems of the practice environment by focus on a specific health care organizational project.								
HSP	SPH	<b>HLTH</b>	<b>6710</b>	<b>Public Health Concepts</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		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	<b>HLTH</b>	<b>6720</b>	<b>Social and Behavioral Sciences in Public Health</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		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	<b>HLTH</b>	<b>6730</b>	<b>Epidemiology in Public Health</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		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	<b>HLTH</b>	<b>6740</b>	<b>Biostatistics in Public Health</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:							
		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	<b>HLTH</b>	<b>6750</b>	<b>Health Services Administration in Public Health</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	MPH Major						
		COURSE DESC:		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	<b>HLTH</b>	<b>6760</b>	<b>Environmental Health Sciences in Public Health</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	MPH Major						
		COURSE DESC:		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.							
HSP	SPH	<b>HLTH</b>	<b>6770</b>	<b>Grant and Proposal Writing in Public Health</b>	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	<b>HLTH</b>	<b>6780</b>	<b>Public Health Practice and Issues</b>	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	<b>HLTH</b>	<b>6790</b>	<b>Seminar</b>	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.							

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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	6791	<b>Chronic Disease Epidemiology, Prevention, and Control</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	SPH	HLTH	6795	<b>Public Health Research and Evaluation</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	SPH	HLTH	6800	<b>Interprofessional Applications of Epidemiology</b>	Lecture	3	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	SPH	HLTH	6802	<b>Quantitative Methods in Health Research</b>	Lecture	4	0		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	SPH	HLTH	6900	<b>Special Topics in Health Sciences - Health</b>	Seminar	1 to 3	6		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	SPH	HLTH	6901	<b>MPH Special Topics</b>	Seminar	1 to 3	3		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	SPH	HLTH	6910	<b>Master of Public Health Capstone I</b>	Internship	3	6		I	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	SPH	HLTH	6911	<b>Master of Public Health Integrative Learning Experience (MPH ILE)</b>	Field	3	6		I	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	SPH	HLTH	6920	<b>Applied Practice Experience</b>	Practicum	3	12		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	SPH	HLTH	6921	<b>Practicum</b>	Practicum	1 to 5	10		N	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HSP	SPH	HLTH	6930	<b>Independent Study</b>	Ind Study	1 to 5	10		I	G40		0
				ELIGIBLE GRADES:								
				COURSE DESC:								

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HSP	SPH	<b>HLTH</b>	<b>6950</b>	<b>Thesis</b>	Thesis	1 to 5	10		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Application of principles and practices to selected problems of study in the field.								
HSP	SPH	<b>OHS</b>	<b>2000</b>	<b>Essentials of Occupational Hygiene and Professions</b>	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	<b>OHS</b>	<b>2900</b>	<b>Special Topics in Occupational Hygiene and Professions</b>	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	<b>OHS</b>	<b>4000</b>	<b>Occupational Hygiene and Professions Sampling and Analysis</b>	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	<b>OHS</b>	<b>4000</b>	<b>Occupational Hygiene and Professions Sampling and Analysis</b>	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	<b>OHS</b>	<b>4100</b>	<b>Toxicology for the Health Sciences</b>	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	<b>OHS</b>	<b>4200</b>	<b>Industrial Ventilation with Laboratory</b>	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	<b>OHS</b>	<b>4200</b>	<b>Industrial Ventilation with Laboratory</b>	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.								
HSP	SPH	<b>OHS</b>	<b>4300</b>	<b>Laboratory Safety and Hygiene</b>	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	<b>OHS</b>	<b>4400</b>	<b>Physical Hazards Evaluation and Control</b>	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	<b>OHS</b>	<b>4500</b>	<b>Public Health Emergency Response</b>	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	<b>OHS</b>	<b>4900</b>	<b>Special Topics in Occupational Hygiene and Professions</b>	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	<b>OHS</b>	<b>4930</b>	<b>Independent Study</b>	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.								

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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	5000	<b>Occupational Hygiene and Professions Sampling and Analysis</b> 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.	Laboratory	4	8		N	G40		0
HSP	SPH	OHS	5000	<b>Occupational Hygiene and Professions Sampling and Analysis</b> 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.	Lecture	4	8		N	G40		0
HSP	SPH	OHS	5100	<b>Toxicology for the Health Sciences</b> 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.	Lecture	3	0		N	G40		0
HSP	SPH	OHS	5200	<b>Industrial Ventilation with Laboratory</b> 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.	Laboratory	4	0		N	G40		0
HSP	SPH	OHS	5200	<b>Industrial Ventilation with Laboratory</b> 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.	Lecture	4	0		N	G40		0
HSP	SPH	OHS	5300	<b>Laboratory Safety and Hygiene</b> 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.	Lecture	3	0		N	G40		0
HSP	SPH	OHS	5400	<b>Physical Hazards Evaluation and Control</b> 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.	Lecture	3	0		N	G40		0
HSP	SPH	OHS	5500	<b>Public Health Emergency Response</b> 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.	Lecture	3	0		N	G40		0
HSP	SPH	OHS	5900	<b>Special Topics in Occupational Hygiene and Professions</b> GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Specific course content will vary with offering.	Lecture	1 to 15	999		N	G40		0
HSP	SPH	OHS	6900	<b>Special Topics in Occupational Hygiene and Professions</b> GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Specific course content will vary with offering.	Lecture	1 to 15	999		N	G40		0
HSP	SPH	OHS	6930	<b>Independent Study in Occupational Hygiene and Professions</b> GEC1: A-F REQUISITE: Permission required COURSE DESC: Advanced individual creative and scholarly work in occupational hygiene and professions, and closely related fields.	Ind Study	1 to 6	12		N	G40		0
HSP	SPH	T3	4010	<b>Climate Change and Public Health</b> 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.	Lecture	3	0	3	N	U30		0
HSP	SPH	T3	4700	<b>Global Public Health</b> 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.	Lecture	5	0	3	I	U30		0

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HSP	SPH	<b>T3</b>	<b>4740</b>	<b>Thanatology</b>	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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HSP	SW	<b>HST</b>	<b>1000</b>	<b>Introduction to Human Services Technology</b>	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	<b>HST</b>	<b>1200</b>	<b>Crisis Intervention</b>	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	<b>HST</b>	<b>1500</b>	<b>Behavior Management</b>	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	<b>HST</b>	<b>1650</b>	<b>Intervention Strategies</b>	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	<b>HST</b>	<b>1700</b>	<b>Group Dynamics</b>	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	<b>HST</b>	<b>1750</b>	<b>Chemical Dependency</b>	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	<b>HST</b>	<b>1900</b>	<b>Case Management</b>	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	<b>HST</b>	<b>2900</b>	<b>Special Topics Human Services Technology</b>	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	<b>HST</b>	<b>2921</b>	<b>Practicum I</b>	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	<b>HST</b>	<b>2921</b>	<b>Practicum I</b>	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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COURSE LISTING  
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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	<b>HST</b>	<b>2922</b>	<b>Practicum II</b>	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	<b>HST</b>	<b>2922</b>	<b>Practicum II</b>	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	<b>HST</b>	<b>2980</b>	<b>Research in Human Services</b>	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	<b>SW</b>	<b>1000</b>	<b>Introduction to Social Work and Social Welfare</b>	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	<b>SW</b>	<b>2601C</b>	<b>Social Welfare Overview and Trends</b>	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	<b>SW</b>	<b>2900</b>	<b>Special Topics in Social Work</b>	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	<b>SW</b>	<b>2970T</b>	<b>Social Work Honors Tutorial</b>	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	<b>SW</b>	<b>2971T</b>	<b>Social Work Honors Tutorial</b>	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	<b>SW</b>	<b>2980T</b>	<b>Social Work Honors Tutorial SW 3602</b>	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC								
		COURSE DESC:		Honors Tutorial on social policy.								
HSP	SW	<b>SW</b>	<b>2981T</b>	<b>Social Work Honors Tutorial</b>	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	<b>SW</b>	<b>3203</b>	<b>International Social Work and Social Welfare</b>	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	<b>SW</b>	<b>3213</b>	<b>Child Abuse and Neglect</b>	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	<b>SW</b>	<b>3233</b>	<b>Counseling Older Adults</b>	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	<b>SW</b>	<b>3243</b>	<b>Social Welfare Law</b>	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	<b>SW</b>	<b>3253</b>	<b>Understanding Management and Supervision in Social Work Agencies</b>	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	<b>SW</b>	<b>3263</b>	<b>Chemical Dependency</b>	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	<b>SW</b>	<b>3273</b>	<b>Mental Health and Social Work</b>	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	<b>SW</b>	<b>3283</b>	<b>Social Work in Health Care</b>	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	<b>SW</b>	<b>3293</b>	<b>Aging in American Society</b>	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	<b>SW</b>	<b>3602</b>	<b>Social Welfare Policy</b>	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	<b>SW</b>	<b>3701</b>	<b>Dynamics of Human Behavior</b>	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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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
HSP	SW	<b>SW</b>	<b>3801</b>	<b>Introduction to Social Work Practice Methods</b>	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	<b>SW</b>	<b>3870</b>	<b>Research Methods in Social Work</b>	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	<b>SW</b>	<b>3970T</b>	<b>Social Work Honors Tutorial SW 3801</b>	Tutorial	1 to 12	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: HTC								
		COURSE DESC:		Honors Tutorial parallels SW 3801.								
HSP	SW	<b>SW</b>	<b>3980T</b>	<b>Social Work Honors Tutorial SW 3940</b>	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	<b>SW</b>	<b>4223</b>	<b>Child Welfare I</b>	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	<b>SW</b>	<b>4224</b>	<b>Child Welfare II</b>	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	<b>SW</b>	<b>4801</b>	<b>Social Work Practice I</b>	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	<b>SW</b>	<b>4802</b>	<b>Social Work Practice II</b>	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	<b>SW</b>	<b>4900C</b>	<b>Special Topics in Social Work</b>	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	<b>SW</b>	<b>4921</b>	<b>Field Seminar I</b>	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.								

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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	<b>SW</b>	<b>4922</b>	<b>Field Seminar II</b>	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	<b>SW</b>	<b>4923</b>	<b>Field Practicum I</b>	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	<b>SW</b>	<b>4924</b>	<b>Field Practicum II</b>	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	<b>SW</b>	<b>4930</b>	<b>Independent Studies and Special Projects in Social Work</b>	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	<b>SW</b>	<b>4970T</b>	<b>Social Work Honors Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC						
		COURSE DESC:		HTC thesis.								
HSP	SW	<b>SW</b>	<b>4980T</b>	<b>Social Work Honors Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC						
		COURSE DESC:		Final Social Work HTC								
HSP	SW	<b>SW</b>	<b>5101</b>	<b>Social Work Orientation Seminar</b>	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	<b>SW</b>	<b>5203</b>	<b>International Social Work and Social Welfare</b>	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	<b>SW</b>	<b>5213</b>	<b>Child Abuse and Neglect</b>	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	<b>SW</b>	<b>5223</b>	<b>Child Welfare I</b>	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	<b>SW</b>	<b>5224</b>	<b>Child Welfare II</b>	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	<b>SW</b>	<b>5233</b>	<b>Counseling Older Adults</b>	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	<b>SW</b>	<b>5243</b>	<b>Social Welfare Law</b>	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	<b>SW</b>	<b>5263</b>	<b>Chemical Dependency</b>	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	<b>SW</b>	<b>5273</b>	<b>Mental Health and Social Work</b>	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	<b>SW</b>	<b>5283</b>	<b>Social Work in Health Care</b>	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	<b>SW</b>	<b>5293</b>	<b>Aging in American Society</b>	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	<b>SW</b>	<b>5601</b>	<b>Social Welfare Policy and Services I:History of Social Welfare and Social Work</b>	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	<b>SW</b>	<b>5602</b>	<b>Social Welfare Policy and Services II: Special Topics in Social Welfare</b>	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	<b>SW</b>	<b>5701</b>	<b>Human Behavior in the Social Environment I: Human Development and Diversity</b>	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  
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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	<b>SW</b>	<b>5702</b>	<b>Human Behavior in the Social Environment II: Social Work Theory and Applications</b> GEC1: A-F REQUISITE: COURSE DESC: Explores reciprocal influences of biology, psychology, and social functioning; analysis and beginning application of theories used in social work to assess systems at micro, mezzo and macro levels.	Lecture	3	0		N	G40		0
HSP	SW	<b>SW</b>	<b>5801</b>	<b>Social Work Practice I: Foundations of Practice</b> GEC1: A-F REQUISITE: SW 5921 or concurrent COURSE DESC: First of a two-course sequence providing foundation knowledge and skills for social work practice. Provides a conceptual framework for generalist practice. Maintaining a person-in-environment focus, students utilize a strengths-based problem-solving model that incorporates awareness of the impact of social work values and ethics on all levels of practice. Students develop an understanding of how various aspects of diversity impact practice and formulate a range of practice interventions based on empowerment and social and economic justice within a rural environment. Also integrates content on social work practice methods and biological, psychological and social theories of human behavior to enable students to assess individuals and families. The professional role, the nature of self-knowledge, self-discipline, and availability of other resources required for professional performance are emphasized.	Lecture	4	0		N	G40		0
HSP	SW	<b>SW</b>	<b>5802</b>	<b>Social Work Practice II: Groups and Communities</b> GEC1: A-F REQUISITE: SW 5801 and 5921 and (5922 concurrent) COURSE DESC: Examines the systems in which people live, work, and are served, with focus on principles of social work practice that may be used to empower people to access, negotiate with, influence, and change various systems within communities and organizations. Integrates content on social work practice methods and biological, psychological and social theories of human behavior to enable students to assess groups and the situations in which they are involved. The professional role, the nature of self-knowledge, self-discipline, and availability of other resources required for professional performance are emphasized.	Lecture	3	0		N	G40		0
HSP	SW	<b>SW</b>	<b>5900C</b>	<b>Special Topics in Social Work</b> GEC4: A-F, REQUISITE: CR, PR COURSE DESC: Specific course content will vary with offering.	Lecture	1 to 15	999		N	G40		0
HSP	SW	<b>SW</b>	<b>5921</b>	<b>Foundation Field I</b> GEC6: CR, REQUISITE: SW 5801 or concurrent PR, F COURSE DESC: Prepares students to apply social work research and interventions for generalist practice. The student will be assisted in progressively building a solid substructure of knowledge, skills, values and ethics in social work practice in conjunction with professional development within the context of an individual field placement in an agency in rural Appalachia. Requires 16 hours per week in a social agency.	Practicum	4	0		N	G40		0
HSP	SW	<b>SW</b>	<b>5922</b>	<b>Foundation Field II</b> GEC5: CR, REQUISITE: SW 5801 and 5921 and (SW 5802 concurrent) PR, F COURSE DESC: Continues the preparation of students to apply social work research and theory to practice and to develop roles and interventions for generalist practice. The student 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.	Practicum	3 to 6	6		N	G40		0
HSP	SW	<b>SW</b>	<b>5930</b>	<b>Independent Study</b> GEC1: A-F REQUISITE: Permission required COURSE DESC: Enable students to focus on the study of a topic of particular interest to them which may not be of broad enough interest to warrant the development of a standard elective. Individually designed by a student and faculty member to meet educational needs not met by existing core curriculum or elective courses.	Ind Study	1 to 3	0		N	G40		0
HSP	SW	<b>SW</b>	<b>6101</b>	<b>The Rural Social Agency</b> GEC1: A-F REQUISITE: COURSE DESC: Emphasizes agency-based practice focused on bringing about planned change in the organization. Encourages students to be as analytical about their organizations as they are about individuals, groups, and communities, and emphasize the partnership that should exist between direct service practitioners and managers to develop a supportive and open problem-solving environment in the social service agency. Problem definition, problem assessment, identification of intervention, design of interventions, use of staff, intervention costs and intervention effectiveness are covered.	Lecture	3	0		N	G40		0
HSP	SW	<b>SW</b>	<b>6102</b>	<b>Integrative Seminar</b> GEC1: A-F REQUISITE: Graduate Standing in Social Work (MS6600, MS6604) COURSE DESC: This capstone course incorporates content from the entire MSW curriculum, including the field practicum. It also includes case analysis reflecting problem based learning. Uses an action learning format with a theoretical base in cognitive constructionism, making use of projects and work tasks that simulate professional contacts to survey legislation, policies, theories, research, programs and practices.	Seminar	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	SW	<b>SW</b>	<b>6810</b>	<b>Advanced Social Work Assessment</b>	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	<b>SW</b>	<b>6811</b>	<b>Direct Practice with Children, Adolescents, and Groups</b>	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	<b>SW</b>	<b>6812</b>	<b>Direct Practice with Adults, Families, and Communities</b>	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	<b>SW</b>	<b>6821</b>	<b>Social Work Administration</b>	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	<b>SW</b>	<b>6821</b>	<b>Social Work Administration</b>	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	<b>SW</b>	<b>6822</b>	<b>Designing Rural Services</b>	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	<b>SW</b>	<b>6822</b>	<b>Designing Rural Services</b>	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	<b>SW</b>	<b>6900</b>	<b>Special Topics in Graduate Social Work</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		This course number will be used for experimental courses being offered while they are going through the UCC process. On occasion, courses will be developed on a one time basis to respond to emerging or one time issues not addressed elsewhere in the curriculum.								
HSP	SW	<b>SW</b>	<b>6921</b>	<b>Advanced Field Practicum I</b>	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	<b>SW</b>	<b>6922</b>	<b>Advanced Field Practicum II</b>	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.								

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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	<b>SW</b>	<b>6941</b>	<b>Social Work Research &amp; Program Evaluation I</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>SW</b>	<b>6942</b>	<b>Social Work Research &amp; Program Evaluation II</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: SW 6941 This course builds on previous course S W 6610, where students reviewed to basics of social work research methods to write a research project proposal. During the course, students will learn statistical analyses including descriptive and inferential statistics to complete the proposed research project approved by OU IRB and/or ethical guidelines of conducting social work research.								

Students will complete collection of data, and analysis of data using selective procedures. Students will use the appropriate analysis skills to analyze data collected for their evaluative or explanatory projects. Students will get experience of presenting their study verbally to their peers and other academic visitors such as field instructors and faculty members as well as write a publishable manuscript using APA style.

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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	<b>HC</b>	<b>2300</b>	<b>Preparation for Intercultural Experience</b>	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	<b>HC</b>	<b>2301</b>	<b>Culture, Environment and Community Engagement in Peru</b>	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	<b>HC</b>	<b>2400</b>	<b>Introduction to OHIO Honors</b>	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	<b>HC</b>	<b>2401</b>	<b>OHIO Honors Engagement Lab</b>	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	<b>HC</b>	<b>2420</b>	<b>OHIO Honors Engagement Lab in Health &amp; Social Sciences</b>	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	<b>HC</b>	<b>2500</b>	<b>Honors Seminar</b>	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	HTC						
		COURSE DESC:		Honors Seminar								
HTC	HTC	<b>HC</b>	<b>2600</b>	<b>Introduction to Ethical Community Engagement</b>	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.								



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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	2610	<b>Introduction to Ethical Research and Creative Activity</b>	Seminar	1	0		N	U30		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HTC	HTC	HC	2620	<b>Introduction to Ethical Leadership</b>	Seminar	1	0		N	U30		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HTC	HTC	HC	2900	<b>Special Topics in Honors College</b>	Seminar	3	9		N	U30		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HTC	HTC	HC	2905	<b>Special Topics in OHIO Honors</b>	Lecture	1 to 3	3		N	U30		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HTC	HTC	HC	2930	<b>Honors Independent Reading</b>	Ind Study	1 to 10	10		N	U30		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HTC	HTC	HC	2940	<b>Research Apprenticeship</b>	Research	1 to 3	12		N	U30		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HTC	HTC	HC	2970T	<b>Honors Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HTC	HTC	HC	2971T	<b>Honors Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HTC	HTC	HC	2980T	<b>Honors Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HTC	HTC	HC	2981T	<b>Honors Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HTC	HTC	HC	3000J	<b>Honors Thesis Writing and Research</b>	Lecture	3	0	1J; FAW	N	U30		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
HTC	HTC	HC	3100	<b>Analyzing and Constructing Personal Narratives</b>	Lecture	1	0		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	3110	<b>OHIO Honors Award and Graduate Education Launchpad</b>	Lecture	1	0		N	U30		0
				ELIGIBLE GRADES: GEC7: CR, F, NC								
				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	<b>Honors Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: Third-year non-thesis tutorial for students in the Honors Tutorial College studying interdisciplinary topics.								
HTC	HTC	HC	3980T	<b>Honors Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: Third-year non-thesis tutorial for students in the Honors Tutorial College studying interdisciplinary topics.								
HTC	HTC	HC	4500	<b>Cutler Scholars Colloquium</b>	Seminar	1 to 6	999		N	U30		0
				ELIGIBLE GRADES: GEC4: A-F, CR, PR								
				COURSE DESC: Seminar for Cutler Scholars								
HTC	HTC	HC	4900	<b>Special Topics in Honors College</b>	Seminar	1 to 3	12		N	U30		0
				ELIGIBLE GRADES: GEC3: A-F, CR								
				COURSE DESC: Selected Topics.								
HTC	HTC	HC	4930	<b>Honors Independent Reading</b>	Ind Study	1 to 6	999		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: Honors Independent Readings								
HTC	HTC	HC	4950	<b>OHIO Honors Capstone</b>	Lecture	2	0		N	U30		0
				ELIGIBLE GRADES: GEC6: CR, PR, F								
				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	<b>Honors Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: Honors Tutorial thesis on an interdisciplinary topic.								
HTC	HTC	HC	4980T	<b>Honors Tutorial</b>	Tutorial	1 to 15	15		N	U30		0
				ELIGIBLE GRADES: GEC1: A-F								
				COURSE DESC: Honors Tutorial thesis on an interdisciplinary topic.								

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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	<b>AKAN</b>	<b>1110</b>	<b>Elementary Twi (Akan) I</b>	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	<b>AKAN</b>	<b>1120</b>	<b>Elementary Twi (Akan) II</b>	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	<b>AKAN</b>	<b>2110</b>	<b>Intermediate Twi (Akan) I</b>	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	<b>AKAN</b>	<b>2120</b>	<b>Intermediate Twi (Akan) II</b>	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	<b>AKAN</b>	<b>2900</b>	<b>Special Topics in Akan</b>	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	<b>AKAN</b>	<b>5110</b>	<b>Elementary Twi (Akan) I</b>	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 Twi speakers.								
INST	INST	<b>AKAN</b>	<b>5120</b>	<b>Elementary Twi (Akan) II</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,				REQUISITE: AKAN 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 Twi speakers.								
INST	INST	<b>AKAN</b>	<b>5210</b>	<b>Intermediate Twi (Akan) I</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,				REQUISITE: AKAN 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 Twi speakers.								
INST	INST	<b>AKAN</b>	<b>5220</b>	<b>Intermediate Twi (Akan) II</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,				REQUISITE: AKAN 5210 or TWI 305				
		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	<b>AKAN</b>	<b>5900</b>	<b>Special Topics in Akan</b>	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	<b>GLC</b>	<b>1000</b>	<b>The Global Experience</b>	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	<b>GLC</b>	<b>2010</b>	<b>Building Cross-National Alliances</b>	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.								

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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	<b>GLC</b>	<b>2010</b>	<b>Building Cross-National Alliances</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>GLC</b>	<b>2020</b>	<b>Business and Communication in Transitional Societies</b>	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>GLC</b>	<b>2020</b>	<b>Business and Communication in Transitional Societies</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>GLC</b>	<b>2030</b>	<b>Business and Communication in Transitional Societies (Abroad)</b>	Laboratory	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>GLC</b>	<b>2030</b>	<b>Business and Communication in Transitional Societies (Abroad)</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>GLC</b>	<b>3010</b>	<b>Global Economic Trends and Strategic Alliances</b>	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				GLC 2030 or (GLC 203 and 204 and 205) 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	<b>GLC</b>	<b>3010</b>	<b>Global Economic Trends and Strategic Alliances</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				GLC 2030 or (GLC 203 and 204 and 205) 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	<b>GLC</b>	<b>3020</b>	<b>Global Competition and Industry Trends</b>	Laboratory	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				GLC 3010 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	<b>GLC</b>	<b>3020</b>	<b>Global Competition and Industry Trends</b>	Lecture	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				GLC 3010 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.								

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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	<b>GLC</b>	<b>4912</b>	<b>International Internship</b>	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	<b>GLC</b>	<b>4912</b>	<b>International Internship</b>	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	<b>GLC</b>	<b>4912</b>	<b>International Internship</b>	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	<b>HIND</b>	<b>1110</b>	<b>Elementary Hindi-Urdu I</b>	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	<b>HIND</b>	<b>1120</b>	<b>Elementary Hindi-Urdu II</b>	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	<b>HIND</b>	<b>1120A</b>	<b>Honors Experience: Elementary Hindi II</b>	Ind Study	0	0		N			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	<b>HIND</b>	<b>2110</b>	<b>Intermediate Hindi-Urdu I</b>	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	<b>HIND</b>	<b>2120</b>	<b>Intermediate Hindi-Urdu II</b>	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	<b>HIND</b>	<b>2900</b>	<b>Special Topics in Hindi-Urdu</b>	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	<b>HIND</b>	<b>5110</b>	<b>Elementary Hindi-Urdu I</b>	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	<b>HIND</b>	<b>5120</b>	<b>Elementary Hindi-Urdu II</b>	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	<b>HIND</b>	<b>5210</b>	<b>Intermediate Hindi-Urdu I</b>	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.								

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INST	INST	<b>HIND</b>	<b>5220</b>	<b>Intermediate Hindi-Urdu II</b>	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	<b>HIND</b>	<b>5900</b>	<b>Special Topics in Hindi-Urdu</b>	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	<b>INDO</b>	<b>1110</b>	<b>Elementary Indonesian I</b>	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	<b>INDO</b>	<b>1120</b>	<b>Elementary Indonesian II</b>	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	<b>INDO</b>	<b>1120A</b>	<b>Honors Experience: Elementary Indonesian II</b>	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	<b>INDO</b>	<b>2110</b>	<b>Intermediate Indonesian I</b>	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	<b>INDO</b>	<b>2120</b>	<b>Intermediate Indonesian II</b>	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	<b>INDO</b>	<b>2900</b>	<b>Special Topics in Indonesian</b>	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	<b>INDO</b>	<b>3110</b>	<b>Advanced Indonesian I</b>	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	<b>INDO</b>	<b>3120</b>	<b>Advanced Indonesian II</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: INDO 3110								
		COURSE DESC:		Final course of advanced-level sequence.								
INST	INST	<b>INDO</b>	<b>3930</b>	<b>Special Topics-Indonesian</b>	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	<b>INDO</b>	<b>4900</b>	<b>Special Topics in Indonesian</b>	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	<b>INDO</b>	<b>5110</b>	<b>Elementary Indonesian I</b>	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	<b>INDO</b>	<b>5120</b>	<b>Elementary Indonesian II</b>	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.								

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INST	INST	<b>INDO</b>	<b>5210</b>	<b>Intermediate Indonesian I</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: INDO 5120 and Warning: No credit if taken after INDO 5220								
		COURSE DESC:		PR First course of two semester intermediate-level sequence.								
INST	INST	<b>INDO</b>	<b>5220</b>	<b>Intermediate Indonesian II</b>	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								
		COURSE DESC:		PR Second course of two-semester intermediate-level sequence.								
INST	INST	<b>INDO</b>	<b>5310</b>	<b>Advanced Indonesian I</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: INDO 5220 and WARNING: No credit if taken after INDO 5320								
		COURSE DESC:		PR Beginning course of advanced-level sequence.								
INST	INST	<b>INDO</b>	<b>5320</b>	<b>Advanced Indonesian II</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: INDO 5310 or (522 and 523)								
		COURSE DESC:		PR Final course of advanced-level sequence.								
INST	INST	<b>INDO</b>	<b>5900</b>	<b>Special Topics in Indonesian</b>	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	<b>INDO</b>	<b>5930</b>	<b>Special Topics-Indonesian</b>	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 Indonesian/Malaysian language or literature.								
INST	INST	<b>INST</b>	<b>1001</b>	<b>Cross Cultural Preparation for Study Abroad</b>	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	<b>INST</b>	<b>1010</b>	<b>Understanding the World</b>	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	<b>INST</b>	<b>1100</b>	<b>Modern Africa</b>	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	<b>INST</b>	<b>1114</b>	<b>Introduction to Southeast Asia</b>	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	<b>INST</b>	<b>1400</b>	<b>European Studies</b>	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	<b>INST</b>	<b>1600</b>	<b>Interdisciplinary Survey of Latin America</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
SORTED BY 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	<b>INST</b>	<b>2100</b>	<b>Africa's Children</b>	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	<b>INST</b>	<b>2222C</b>	<b>Community-based Research and Service-learning in Ecuador</b>	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	<b>INST</b>	<b>2222C</b>	<b>Community-based Research and Service-learning in Ecuador</b>	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	<b>INST</b>	<b>2700</b>	<b>Social Media and Global Change</b>	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	<b>INST</b>	<b>2900</b>	<b>Special Topics in International Studies</b>	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	<b>INST</b>	<b>2970T</b>	<b>International Studies Non-Thesis Tutorial I</b>	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	<b>INST</b>	<b>2971T</b>	<b>International Studies Non-Thesis Tutorial III</b>	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	<b>INST</b>	<b>2980T</b>	<b>International Studies Non-Thesis Tutorial II</b>	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								
INST	INST	<b>INST</b>	<b>2981T</b>	<b>International Studies Non-Thesis Tutorial IV</b>	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	<b>INST</b>	<b>3201</b>	<b>Focus on Malaysia</b>	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	<b>INST</b>	<b>3202</b>	<b>Tun Razak Seminar: Southeast Asia Studies</b>	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.								



**MASTER CURRICULUM FILE  
COURSE LISTING  
SORTED BY 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	<b>INST</b>	<b>3600</b>	<b>Global Citizen Journalism</b>	Lecture	3	0		N	U30		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	<b>INST</b>	<b>3700</b>	<b>Global Governance</b>	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Jr or Sr 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	<b>INST</b>	<b>3904</b>	<b>Special Topics in African Languages and Literature</b>	Lecture	4	0		I	U30		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	<b>INST</b>	<b>3905</b>	<b>Special Topics in Intermediate African Languages and Literature</b>	Lecture	4	0		I	U30		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.								
INST	INST	<b>INST</b>	<b>3909</b>	<b>Special Topics in Southeast Asian Languages and Literature</b>	Lecture	4	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				Permission required CR, PR 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	<b>INST</b>	<b>3911</b>	<b>Special Topics in Intermediate Southeast Asian Languages and Literature</b>	Lecture	4	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				Permission required CR, PR 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	<b>INST</b>	<b>3970T</b>	<b>International Studies Non-Thesis Tutorial V</b>	Tutorial	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Permission required and HTC The tutorial will explore selected War and Peace Studies OR Area Studies topics.								
INST	INST	<b>INST</b>	<b>3980T</b>	<b>International Studies Non-Thesis Tutorial VI</b>	Tutorial	1 to 3	6		I	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				Permission required and HTC In depth discussion of various issues explored in Area Studies (OR) War and Peace Elective courses								
INST	INST	<b>INST</b>	<b>4900</b>	<b>Special Topics in International Studies</b>	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE:								
				CR Specific course content will vary with offering.								
INST	INST	<b>INST</b>	<b>4905</b>	<b>Special Topics in Advanced African Languages and Literature</b>	Lecture	4	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		REQUISITE:								
				Permission required CR, PR Serves as a 3rd-year African language study. Complete intermediate 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	<b>INST</b>	<b>4910</b>	<b>Internship</b>	Internship	1 to 10	10	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	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	<b>INST</b>	<b>4911</b>	<b>Special Topics in Advanced Southeast Asian Languages and Literature</b>	Lecture	4	0		I	U30		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	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	<b>INST</b>	<b>4930</b>	<b>Independent Study</b>	Ind Study	1 to 15	999		I	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, CR	REQUISITE:	Permission required						
		COURSE DESC:		Content varies by student.								
INST	INST	<b>INST</b>	<b>4950</b>	<b>War and Peace Studies Seminar</b>	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	<b>INST</b>	<b>4970T</b>	<b>International Studies Thesis Tutorial I</b>	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	<b>INST</b>	<b>4980T</b>	<b>International Studies Thesis Tutorial II</b>	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	<b>INST</b>	<b>5000</b>	<b>International Studies: Themes, Trends and Perspectives</b>	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.								
INST	INST	<b>INST</b>	<b>5100</b>	<b>Readings in African Studies</b>	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:							
		COURSE DESC:		Introduction to interdisciplinary graduate study of the African continent with focus on social science and humanities perspectives.								
INST	INST	<b>INST</b>	<b>5101</b>	<b>Seminar for the African Child</b>	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:							
		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	<b>INST</b>	<b>5200</b>	<b>Introduction to Southeast Asian Studies</b>	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, CR, PR	REQUISITE:							
		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	<b>INST</b>	<b>5201</b>	<b>Focus on Malaysia</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	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	<b>INST</b>	<b>5202</b>	<b>Tun Razak Seminar: Southeast Asia Studies</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR	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.								

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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
INST	INST	<b>INST</b>	<b>5300</b>	<b>Communications and Development Colloquium</b>	Lecture	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC6: CR, REQUISITE: Comdev studies major only								
		COURSE DESC:		Provides communication and development students with an overview of the field, including its interdisciplinary nature, a detailed introduction to their program of study, and an opportunity to know and interact with program faculty in order to facilitate faculty-student dialogue that might lead to identification of common interest, existing and new courses, and other relevant academic and research issues. Also introduces students to or emphasize specific aspects of the graduate student academic experience that are important to their success in the program such as plagiarism, graduate student life, preparing professional and academic conference presentations, submitting and presenting papers at academic conferences, and submitting papers to academic or professional publications.								
INST	INST	<b>INST</b>	<b>5400</b>	<b>Proseminar in International Development</b>	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	<b>INST</b>	<b>5500</b>	<b>Latin America Survey Through Literature</b>	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	<b>INST</b>	<b>5510</b>	<b>Introduction to Latin American Studies</b>	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.								
INST	INST	<b>INST</b>	<b>5600</b>	<b>Global Citizen Journalism</b>	Lecture	3	0		N	G40		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	<b>INST</b>	<b>5700</b>	<b>Global Governance</b>	Seminar	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		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	<b>INST</b>	<b>5701</b>	<b>Professional Development in International Studies I</b>	Seminar	1	3		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		The course introduces students to contemporary issues and challenges faced by an International Studies professional.								
INST	INST	<b>INST</b>	<b>5702</b>	<b>Professional Development in International Studies II</b>	Seminar	1	3		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE: INST 5701								
		COURSE DESC:		The course assists students in identifying appropriate professional opportunities in international studies and preparing for international studies related job interviews.								
INST	INST	<b>INST</b>	<b>5900</b>	<b>Special Topics in International Studies</b>	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
INST	INST	<b>INST</b>	<b>5901</b>	<b>Special Topics in Africa: Contemporary Issues in Africa</b>	Lecture	4	8		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR								
				COURSE DESC: Thematic seminar on African issues current in the literature, human rights, gender, and religion.								
INST	INST	<b>INST</b>	<b>5902</b>	<b>Special Topics in Africa: Literature, Media, and the Arts</b>	Lecture	4	8		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR								
				COURSE DESC: Thematic seminar on African issues current in the literature, media, and the arts.								
INST	INST	<b>INST</b>	<b>5903</b>	<b>Special Topics in Africa</b>	Lecture	4	0		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR								
				COURSE DESC: Thematic seminar on African issues current in the literature, politics, development concerns, and health policies.								
INST	INST	<b>INST</b>	<b>5904</b>	<b>Special Topics in African Languages and Literature</b>	Lecture	4	8		I	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: Permission required CR, PR								
				COURSE DESC: To develop communicative skills oral and written to enable the learners to engage in meaningful activities with other speakers. There is no language proficiency requirement.								
INST	INST	<b>INST</b>	<b>5905</b>	<b>Special Topics in Intermediate African Languages and Literature</b>	Lecture	4	8		I	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: Permission required CR, PR								
				COURSE DESC: Focuses on enhancing the communicative skills in African languages. More advanced grammar and expanding vocabulary aiming at fluency in speaking, reading and writing simple stories using standard African languages will be emphasized. Complete elementary level of appropriate language as approved by instructor.								
INST	INST	<b>INST</b>	<b>5906</b>	<b>Special Topics in Southeast Asian Studies: Contemporary Issues in Southeast Asia</b>	Lecture	4	8		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR								
				COURSE DESC: Addresses contemporary issues in the region.								
INST	INST	<b>INST</b>	<b>5907</b>	<b>Special Topics in Southeast Asian Studies: Cultural Analysis Through Media</b>	Lecture	4	8		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: CR, PR								
				COURSE DESC: Undertakes cultural analysis through analysis of a variety of media.								
INST	INST	<b>INST</b>	<b>5908</b>	<b>Special Topics in Southeast Asian Studies</b>	Lecture	4	0		N	G40		0
				ELIGIBLE GRADES: 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.								
INST	INST	<b>INST</b>	<b>5909</b>	<b>Special Topics in Southeast Asian Languages and Literature</b>	Lecture	4	8		N	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: Permission required CR, PR								
				COURSE DESC: Designed to develop communicative skills oral and written to enable the learners to engage in meaningful activities with other speakers. There is no language proficiency requirement.								
INST	INST	<b>INST</b>	<b>5911</b>	<b>Special Topics in Intermediate Southeast Asian Languages and Literature</b>	Lecture	4	8		I	G40		0
				ELIGIBLE GRADES: GEC4: A-F, REQUISITE: Permission required CR, PR								
				COURSE DESC: Focuses on enhancing the communicative skills in Southeast Asian languages. More advanced grammar and expanding vocabulary aiming at fluency in speaking, reading, and writing simple stories using standard Southeast Asian languages will be emphasized. Complete elementary level of appropriate language as approved by instructor.								
INST	INST	<b>INST</b>	<b>5912</b>	<b>Special Topics in Communications and Development: International Development &amp; Technical Cooperation</b>	Lecture	4	0		N	G40		0
				ELIGIBLE GRADES: 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.								

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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
INST	INST	<b>INST</b>	<b>5913</b>	<b>Special Topics in Communications and Development: Research Tools for Development</b>	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Explores new and emerging research tools used in social development, and focuses on skills development and application.								
INST	INST	<b>INST</b>	<b>5914</b>	<b>Special Topics in Communications and Development: Media Production and International Development</b>	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Focuses on specific media production aspects related to international development issues. Emphasis ranges from the process of message design to production of audiovisual materials that attempt to support social development initiatives								
INST	INST	<b>INST</b>	<b>5915</b>	<b>Special Topics in International Development Studies: Development Practice</b>	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Examines contemporary development practice and evaluates contemporary methodologies to design, implement, monitor, and evaluate development policies, programs, and interventions								
INST	INST	<b>INST</b>	<b>5916</b>	<b>Special Topics in International Development Studies:Health and International Development</b>	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Development research examining environmental dimensions of international development.								
INST	INST	<b>INST</b>	<b>5917</b>	<b>Special Topics in International Development Studies</b>	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	<b>INST</b>	<b>5918</b>	<b>Special Topics in Latin American Studies: Contemporary Issues in Latin America</b>	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	<b>INST</b>	<b>5919</b>	<b>Special Topics in Latin American Studies: Latin American Culture Through Media</b>	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	<b>INST</b>	<b>5921</b>	<b>Special Topics in Latin American Studies</b>	Lecture	4	8		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Addresses contemporary issues in the region.								
INST	INST	<b>INST</b>	<b>6500</b>	<b>Research in War and Peace Studies</b>	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	<b>INST</b>	<b>6900</b>	<b>Special Topics in International Studies</b>	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	<b>INST</b>	<b>6901</b>	<b>Special Topics in International Studies</b>	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.								

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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
INST	INST	<b>INST</b>	<b>6902</b>	<b>Special Topics in International Studies</b>	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	<b>INST</b>	<b>6905</b>	<b>Special Topics in Advanced African Languages and Literature</b>	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	<b>INST</b>	<b>6910</b>	<b>Internship</b>	Internship	1 to 15	15		I	G40		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F								
		COURSE DESC:		Helps students acquire first-hand knowledge and exposure to applied aspects of development, communication and development work, and/or related-aspects of area studies training in an international setting, or with an international organization. Students will gain and/or expand their field work experience in an area of their own professional and/or research interests, and will strengthen their understanding of the competencies needed to perform well in relevant organizations, all of which will enhance their own professional and personal growth. Because of the varying nature of internships, students might be involved in a variety of work activities ranging from assignments that focus on very specific projects and tasks, to more general responsibilities that might involve them in regular activities within the host organization.								
INST	INST	<b>INST</b>	<b>6911</b>	<b>Special Topics in Advanced Southeast Asian Languages and Literature</b>	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.								
INST	INST	<b>INST</b>	<b>6920</b>	<b>Communication &amp; Development Service Learning Project</b>	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	<b>INST</b>	<b>6930</b>	<b>Independent Study</b>	Ind Study	1 to 4	4		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Study of topic of student's choice under guidance of faculty member.								
INST	INST	<b>INST</b>	<b>6940</b>	<b>Professional Project</b>	Research	1 to 10	10		I	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: Permission required CR, PR								
		COURSE DESC:		Extended research project that is interdisciplinary and integrates themes, content, and methods from the student's course of study. The project may engage theoretical issues, be an application thereof, and/or be a piece of original research or creative work.								
INST	INST	<b>INST</b>	<b>6950</b>	<b>Thesis</b>	Thesis	1 to 10	10		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F, REQUISITE: CR, PR								
		COURSE DESC:		Student initiates and completes an original research project. Students have the opportunity to integrate themes, content, and methods from their course of study. The thesis may engage theoretical issues, be an application thereof, and/or be a piece of original research or creative work.								
INST	INST	<b>KHMR</b>	<b>1110</b>	<b>Elementary Khmer I</b>	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	<b>KHMR</b>	<b>1120</b>	<b>Elementary Khmer II</b>	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	<b>KHMR</b>	<b>2110</b>	<b>Intermediate Khmer I</b>	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.								

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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	<b>KHMR</b>	<b>2120</b>	<b>Intermediate Khmer II</b>	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	<b>KHMR</b>	<b>2900</b>	<b>Special Topics in Khmer</b>	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	<b>KHMR</b>	<b>5110</b>	<b>Elementary Khmer I</b>	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	<b>KHMR</b>	<b>5120</b>	<b>Elementary Khmer II</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: KHMR 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 Khmer speakers.								
INST	INST	<b>KHMR</b>	<b>5210</b>	<b>Intermediate Khmer I</b>	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	<b>KHMR</b>	<b>5220</b>	<b>Intermediate Khmer II</b>	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	<b>KHMR</b>	<b>5900</b>	<b>Special Topics in Khmer</b>	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	<b>KIKU</b>	<b>1110</b>	<b>Elementary Kikuyu I</b>	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	<b>KIKU</b>	<b>1120</b>	<b>Elementary Kikuyu II</b>	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	<b>KIKU</b>	<b>2110</b>	<b>Intermediate Kikuyu I</b>	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	<b>KIKU</b>	<b>2120</b>	<b>Intermediate Kikuyu II</b>	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	<b>KIKU</b>	<b>2900</b>	<b>Special Topics in Kikuyu</b>	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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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	<b>KIKU</b>	<b>5110</b>	<b>Elementary Kikuyu I</b>	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	<b>KIKU</b>	<b>5120</b>	<b>Elementary Kikuyu II</b>	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	<b>KIKU</b>	<b>5210</b>	<b>Intermediate Kikuyu I</b>	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	<b>KIKU</b>	<b>5220</b>	<b>Intermediate Kikuyu II</b>	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.								
INST	INST	<b>KIKU</b>	<b>5900</b>	<b>Special Topics in Kikuyu</b>	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	<b>MALA</b>	<b>1110</b>	<b>Elementary Malaysian I</b>	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	<b>MALA</b>	<b>1120</b>	<b>Elementary Malaysian II</b>	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	<b>MALA</b>	<b>2110</b>	<b>Intermediate Malaysian I</b>	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	<b>MALA</b>	<b>2120</b>	<b>Intermediate Malaysian II</b>	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	<b>MALA</b>	<b>5110</b>	<b>Elementary Malaysian I</b>	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	<b>MALA</b>	<b>5120</b>	<b>Elementary Malaysian II</b>	Lecture	4	0		I	G40		0
		ELIGIBLE GRADES:		GEC1: A-F REQUISITE:								
		COURSE DESC:		Second course of two semester, elementary-level sequence.								
INST	INST	<b>MALA</b>	<b>5210</b>	<b>Intermediate Malaysian I</b>	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	<b>MALA</b>	<b>5220</b>	<b>Intermediate Malaysian II</b>	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	<b>SETS</b>	<b>1110</b>	<b>Elementary Setswana I</b>	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.								



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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	<b>SETS</b>	<b>5110</b>	<b>Elementary Setswana I</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>SOMA</b>	<b>1110</b>	<b>Elementary Somali I</b>	Lecture	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>SOMA</b>	<b>1120</b>	<b>Elementary Somali II</b>	Lecture	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>SOMA</b>	<b>2110</b>	<b>Intermediate Somali I</b>	Lecture	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>SOMA</b>	<b>2120</b>	<b>Intermediate Somali II</b>	Lecture	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		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	<b>SOMA</b>	<b>2900</b>	<b>Special Topics in Somali</b>	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		CR Specific course content will vary with offering.								
INST	INST	<b>SOMA</b>	<b>5110</b>	<b>Elementary Somali I</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		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	<b>SOMA</b>	<b>5120</b>	<b>Elementary Somali II</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		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	<b>SOMA</b>	<b>5210</b>	<b>Intermediate Somali I</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		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	<b>SOMA</b>	<b>5220</b>	<b>Intermediate Somali II</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,								
		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	<b>SOMA</b>	<b>5900</b>	<b>Special Topics in Somali</b>	Lecture	1 to 15	999		N	G40		0
		ELIGIBLE GRADES:		GEC4: A-F,								
		COURSE DESC:		CR, PR Specific course content will vary with offering.								
INST	INST	<b>SUDN</b>	<b>1110</b>	<b>Elementary Sudanese Arabic I</b>	Lecture	4	0	2CP	N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Sudanese Arabici speakers.								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
INST	INST	<b>SUDN</b>	<b>1120</b>	<b>Elementary Sudanese Arabic II</b>	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	<b>SUDN</b>	<b>2110</b>	<b>Intermediate Sudanese Arabic I</b>	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	<b>SUDN</b>	<b>2120</b>	<b>Intermediate Sudanese Arabic II</b>	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	<b>SUDN</b>	<b>2900</b>	<b>Special Topics in Sudanese</b>	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	<b>SUDN</b>	<b>5110</b>	<b>Elementary Sudanese Arabic I</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: SUDN 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 Sudanese Arabici speakers.								
INST	INST	<b>SUDN</b>	<b>5120</b>	<b>Elementary Sudanese Arabic II</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: SUDN 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 Sudanese Arabici speakers.								
INST	INST	<b>SUDN</b>	<b>5210</b>	<b>Intermediate Sudanese Arabic I</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: SUDN 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 Sudanese Arabic speakers.								
INST	INST	<b>SUDN</b>	<b>5220</b>	<b>Intermediate Sudanese Arabic II</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: SUDN 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 Sudanese Arabic speakers.								
INST	INST	<b>SUDN</b>	<b>5900</b>	<b>Special Topics in Sudanese</b>	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	<b>T3</b>	<b>4103C</b>	<b>Undergraduate Service-Learning in Ecuador</b>	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	<b>THAI</b>	<b>1110</b>	<b>Elementary Thai I</b>	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	<b>THAI</b>	<b>1120</b>	<b>Elementary Thai II</b>	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.								

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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	<b>THAI</b>	<b>1120A</b>	<b>Honors Experience in Elementary Thai II</b>	Internship	0	0		N	U30		0
		ELIGIBLE GRADES:		GEC7: CR, F, NC REQUISITE: THAI 1120 concurrently and Ohio Honors student								
		COURSE DESC:		OHIO Honors curricular experience in THAI 1120A.								
INST	INST	<b>THAI</b>	<b>2110</b>	<b>Intermediate Thai I</b>	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	<b>THAI</b>	<b>2120</b>	<b>Intermediate Thai II</b>	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.								
INST	INST	<b>THAI</b>	<b>2900</b>	<b>Special Topics in Thai</b>	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	<b>THAI</b>	<b>3110</b>	<b>Advanced Thai I</b>	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	<b>THAI</b>	<b>3120</b>	<b>Advanced Thai II</b>	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	<b>THAI</b>	<b>4900</b>	<b>Special Topics in Thai</b>	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	<b>THAI</b>	<b>5110</b>	<b>Elementary Thai I</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR 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	<b>THAI</b>	<b>5120</b>	<b>Elementary Thai II</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR REQUISITE: THAI 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 Thai speakers.								
INST	INST	<b>THAI</b>	<b>5210</b>	<b>Intermediate Thai I</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR REQUISITE: THAI 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 Thai speakers.								
INST	INST	<b>THAI</b>	<b>5220</b>	<b>Intermediate Thai II</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR REQUISITE: THAI 5210								
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.								
INST	INST	<b>THAI</b>	<b>5310</b>	<b>Advanced Thai I</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, PR REQUISITE: THAI 5220								
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.								

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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	<b>THAI</b>	<b>5320</b>	<b>Advanced Thai II</b>	Lecture	3	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F, REQUISITE: THAI 5310 or (531 and 532)								
		COURSE DESC:		Culture based approach to increased language proficiency. Students continue to develop listening, reading, speaking, and writing skills as they study diverse history and customs of Thai speakers.								
INST	INST	<b>THAI</b>	<b>5900</b>	<b>Special Topics in Thai</b>	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	<b>VIET</b>	<b>1110</b>	<b>Elementary Vietnamese I</b>	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.								
INST	INST	<b>VIET</b>	<b>1120</b>	<b>Elementary Vietnamese II</b>	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	<b>VIET</b>	<b>2110</b>	<b>Intermediate Vietnamese I</b>	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	<b>VIET</b>	<b>2120</b>	<b>Intermediate Vietnamese II</b>	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	<b>VIET</b>	<b>2900</b>	<b>Special Topics in Vietnamese</b>	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	<b>VIET</b>	<b>5110</b>	<b>Elementary Vietnamese I</b>	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	<b>VIET</b>	<b>5120</b>	<b>Elementary Vietnamese II</b>	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	<b>VIET</b>	<b>5210</b>	<b>Intermediate Vietnamese I</b>	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	<b>VIET</b>	<b>5220</b>	<b>Intermediate Vietnamese II</b>	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	<b>VIET</b>	<b>5900</b>	<b>Special Topics in Vietnamese</b>	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.								

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INST	INST	<b>WOL</b>	<b>1110</b>	<b>Elementary Wolof I</b>	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	<b>WOL</b>	<b>1120</b>	<b>Elementary Wolof II</b>	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.								
INST	INST	<b>WOL</b>	<b>2110</b>	<b>Intermediate Wolof I</b>	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	<b>WOL</b>	<b>2120</b>	<b>Intermediate Wolof II</b>	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	<b>WOL</b>	<b>2900</b>	<b>Special Topics in Wolof</b>	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	<b>WOL</b>	<b>5110</b>	<b>Elementary Wolof I</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	WARNING: no credit if WOL 5120						
		COURSE DESC:		PR 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	<b>WOL</b>	<b>5120</b>	<b>Elementary Wolof II</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	WOL 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 Wolof speakers.								
INST	INST	<b>WOL</b>	<b>5210</b>	<b>Intermediate Wolof I</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	WOL 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 Wolof speakers.								
INST	INST	<b>WOL</b>	<b>5220</b>	<b>Intermediate Wolof II</b>	Lecture	4	0		N	G40		0
		ELIGIBLE GRADES:		GEC2: A-F,	REQUISITE:	WOL 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 Wolof speakers.								
INST	INST	<b>WOL</b>	<b>5900</b>	<b>Special Topics in Wolof</b>	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.								

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OST	AS	<b>BIOE</b>	<b>5001</b>	<b>Special Topics in Bioethics and Society</b>	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	<b>BIOE</b>	<b>5001</b>	<b>Special Topics in Bioethics and Society</b>	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	<b>BIOE</b>	<b>6001</b>	<b>Bioethics, Society and Justice</b>	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	<b>BIOE</b>	<b>7050</b>	<b>Capstone Experience in Bioethics and Society</b>	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	<b>BIOE</b>	<b>7050</b>	<b>Capstone Experience in Bioethics and Society</b>	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	<b>BIOE</b>	<b>7050</b>	<b>Capstone Experience in Bioethics and Society</b>	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	<b>OCOM</b>	<b>6001</b>	<b>Clinical Anatomy Immersion</b>	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	<b>OCOM</b>	<b>6002</b>	<b>Introduction to Primary Care Medicine</b>	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	<b>OCOM</b>	<b>6003</b>	<b>The Osteopathic Approach to Patient Care 1 - Wellness</b>	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	<b>OCOM</b>	<b>6004</b>	<b>The Osteopathic Approach to Patient Care 2 - Acute Illness</b>	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	<b>OCOM</b>	<b>6007</b>	<b>Longitudinal Integrated Clerkship 1</b>	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	<b>OCOM</b>	<b>6008</b>	<b>Longitudinal Integrated Clerkship 2</b>	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	<b>OCOM</b>	<b>6009</b>	<b>Longitudinal Integrated Clerkship 3</b>	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.								

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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	<b>OCOM</b>	<b>6010</b>	<b>Musculoskeletal</b>	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	<b>OCOM</b>	<b>6011</b>	<b>Interprofessional Care</b>	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	<b>OCOM</b>	<b>6012</b>	<b>Health Systems Science 1</b>	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	<b>OCOM</b>	<b>6013</b>	<b>Health Systems Science 2</b>	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	<b>OCOM</b>	<b>6015</b>	<b>Blood</b>	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	<b>OCOM</b>	<b>6020</b>	<b>Infection and Immunity</b>	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:							
					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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COURSE LISTING  
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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	<b>OCOM</b>	<b>6025</b>	<b>Cardiovascular</b>	Lecture	6	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 1st Year students PR, F								
		COURSE DESC:		The goals of this six-week Cardiovascular course are to: 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	<b>OCOM</b>	<b>6030</b>	<b>Respiratory</b>	Lecture	5	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 1st Year students PR, F								
		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	<b>OCOM</b>	<b>6035</b>	<b>Gastrointestinal</b>	Lecture	5	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 1st Year students PR, F								
		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	<b>OCOM</b>	<b>6040</b>	<b>Urogenital Tract</b>	Lecture	5	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 1st Year students PR, F								
		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	<b>OCOM</b>	<b>6050X</b>	<b>The Open Book Project 1: A Narrative Medicine Program for Social Justice &amp; Inclusion</b>	Lecture	1	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F								
		COURSE DESC:		The Open Book Project 1 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.								
OST	OST	<b>OCOM</b>	<b>6051X</b>	<b>The Open Book Project 2</b>	Lecture	1	0		I	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required PR, F								
		COURSE DESC:		The Open Book Project 2 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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>OCOM</b>	<b>6052X</b>	<b>The Open Book Project 3: A Narrative Medicine Program for Social Justice &amp; Inclusion</b>	Lecture	1	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:							
		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	<b>OCOM</b>	<b>6080</b>	<b>Clinical Skills 1</b>	Laboratory	7	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Offered only to OUCOM 1st Year students						
		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	<b>OCOM</b>	<b>6081</b>	<b>Fundamentals in Clinical Osteopathic Medicine 1</b>	Laboratory	7	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Offered only to OUCOM 1st Year students						
		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	<b>OCOM</b>	<b>6090</b>	<b>Clinical Skills 2</b>	Laboratory	9	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:	Offered only to OUCOM 1st Year students						
		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	<b>OCOM</b>	<b>6900</b>	<b>Special Topics in Osteopathic Medicine</b>	Lecture	1 to 15	999		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:							
		COURSE DESC:		Specific course content will vary with offering.								

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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	<b>OCOM</b>	<b>7000</b>	<b>Neurology</b>	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	<b>OCOM</b>	<b>7003</b>	<b>The Osteopathic Approach to Patient Care 3 - Chronic Illness</b>	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	<b>OCOM</b>	<b>7004</b>	<b>The Osteopathic Approach to Patient Care 4 - Return to Wellness</b>	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.							
OST	OST	<b>OCOM</b>	<b>7005</b>	<b>Eyes, Ears, Nose and Throat (EENT)</b>	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	<b>OCOM</b>	<b>7006</b>	<b>Biomedical Science 3</b>	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.							

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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	<b>OCOM</b>	<b>7007</b>	<b>Longitudinal Integrated Clerkship 4</b>	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	<b>OCOM</b>	<b>7008</b>	<b>Longitudinal Integrated Clerkship 5</b>	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	<b>OCOM</b>	<b>7009</b>	<b>Longitudinal Integrated Clerkship 6</b>	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.								
OST	OST	<b>OCOM</b>	<b>7010</b>	<b>Psychiatric</b>	Lecture	3	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 2nd Year students PR, F								
		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	<b>OCOM</b>	<b>7012</b>	<b>Health Systems Science 4</b>	Laboratory	3	6		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Heritage College students only PR, F								
		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	<b>OCOM</b>	<b>7013</b>	<b>Health Systems Science 5</b>	Laboratory	3	6		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Heritage College students only PR, F								
		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.								

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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	<b>OCOM</b>	<b>7015</b>	<b>Endocrinology and Metabolism</b>	Lecture	6	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 2nd Year students PR, F								
		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	<b>OCOM</b>	<b>7020</b>	<b>Obstetrics and Gynecology</b>	Lecture	4	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 2nd Year students PR, F								
		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	<b>OCOM</b>	<b>7025</b>	<b>Pediatrics</b>	Lecture	2	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 2nd Year students PR, F								
		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	<b>OCOM</b>	<b>7030</b>	<b>Addiction, Pain and Palliative Care</b>	Lecture	2	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 2nd Year students PR, F								
		COURSE DESC:		This two-week course will introduce students to topics related to addiction, pain, and palliative care. Addiction topics include abuse of and dependence on alcohol, prescription drugs, illicit drugs and other addictions. Pain and palliative care topics will address chronic pain, palliative care and hospice. Students will be presented with a holistic approach to comprehensive pain and symptom management and be given tools to help care for patients from a primary care approach. A solid foundation in the management of addiction, pain and end of life care will be a crucial component of medicine that students will find very helpful in their personal and professional lives.								
OST	OST	<b>OCOM</b>	<b>7035</b>	<b>Geriatrics</b>	Lecture	2	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 2nd Year students PR, F								
		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	<b>OCOM</b>	<b>7080</b>	<b>Clinical Skills 3</b>	Laboratory	7	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Offered only to OUCOM 2nd Year students PR, F								
		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"> <li>1. interviewing patients for medical history taking, including the psychosocial aspects of interviewing and patient interaction</li> <li>2. performing physical examinations of patients, including osteopathic structural assessment and palpatory diagnosis</li> <li>3. incorporating osteopathic manipulative examination and treatment into patient care</li> <li>4. applying medical knowledge and skills to patient care in a supervised clinical setting</li> <li>5. working as a member of a learning team solving clinical problems related to osteopathic medical practice</li> <li>6. applying Evidence Based Medicine concepts to all clinical decision making.</li> </ol> <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>								

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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	<b>OCOM</b>	<b>7085</b>	<b>Clinical Skills 4</b>	Laboratory	8	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to OUCOM 2nd Year students							
				COURSE DESC:	PR, F 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"> <li>1. interviewing patients for medical history taking, including the psychosocial aspects of interviewing and patient interaction</li> <li>2. performing physical examinations of patients, including osteopathic structural assessment and palpatory diagnosis</li> <li>3. incorporating osteopathic manipulative examination and treatment into patient care</li> <li>4. applying medical knowledge and skills to patient care in a supervised clinical setting</li> <li>5. working as a member of a learning team solving clinical problems related to osteopathic medical practice</li> <li>6. applying Evidence Based Medicine concepts to all clinical decision making.</li> </ol>							
					Course content includes clinical labs, simulated and real patient encounters in a supervised setting, manipulative medicine labs, clinical encounters with patients under supervision by physicians and other health personnel, and case-based learning groups. Instructor expectations of students are specified by a list of explicit learning topics which constitute the basis for student assessment (exams).							
OST	OST	<b>OCOM</b>	<b>7110</b>	<b>Osteopathic Manipulative Medicine Honors 1</b>	Laboratory	2	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to 2nd year OUCOM students in good standing							
				COURSE DESC:	PR, F 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	<b>OCOM</b>	<b>7110</b>	<b>Osteopathic Manipulative Medicine Honors 1</b>	Lecture	2	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to 2nd year OUCOM students in good standing							
				COURSE DESC:	PR, F 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	<b>OCOM</b>	<b>7115</b>	<b>Osteopathic Manipulative Medicine Honors 2</b>	Laboratory	2	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to 2nd year OUCOM students in good standing							
				COURSE DESC:	PR, F - 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	<b>OCOM</b>	<b>7115</b>	<b>Osteopathic Manipulative Medicine Honors 2</b>	Lecture	2	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to 2nd year OUCOM students in good standing							
				COURSE DESC:	PR, F - 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	<b>OCOM</b>	<b>7200</b>	<b>Clinical Skills Capstone Experience</b>	Lecture	5	0		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to 3rd year OUCOM students							
				COURSE DESC:	PR, F 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.							

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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	<b>OCOM</b>	<b>7901</b>	<b>Introduction to Hospital Care/Orientation</b>	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	<b>OCOM</b>	<b>7902</b>	<b>Introduction to Clinical Education</b>	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	<b>OCOM</b>	<b>7920</b>	<b>Primary Care Associateship in Osteopathic Manipulative Medicine</b>	Practicum	2 to 30	30		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		This extended program offering (one year) is designed to provide the student with concentrated learning experiences in osteopathic principles and practice within the context of family medicine, educational methodologies relative to medical and patient education, and research design and development. Teaching activities and research options are contracted with the instructor to accommodate individual learning needs.								
OST	OST	<b>OCOM</b>	<b>7921</b>	<b>Primary Care Associateship in Family Medicine</b>	Practicum	2 to 30	30		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		COURSE DESC:		This extended program offering (one year) is designed to provide the student with concentrated learning experiences in family medicine, educational methodologies relative to medical and patient education, and research design and development. The student is expected to participate in supervised clinical experiences and selected teaching activities within the college as well as produce a scholarly research paper. Teaching activities and research options are contracted with the instructor of record to accommodate individual needs.								
OST	OST	<b>OCOM</b>	<b>7922</b>	<b>Primary Care Associateship in Preventive Medicine/Public Health</b>	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	<b>OCOM</b>	<b>7923</b>	<b>Primary Care Associateship in Osteopathic Manipulative Medicine and Family Medicine</b>	Practicum	2 to 30	30		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 3 or 4 Osteopathic Medical Student PR, F								
		COURSE DESC:		The Osteopathic Manipulative Medicine and Family Medicine Associateship is a one year program designed to provide interested osteopathic medical students an opportunity to serve as adjunct faculty to the Departments of Family Medicine and OMM, engaged in teaching, scholarly activity and clinical medicine. The goal of the associateship is to promote interest in osteopathic medical education and research by enhancing the development of teaching and understanding of osteopathic clinical skills. Associates will have the opportunity to improve upon these skills in several capacities as they serve as individual mentors, tutors, lab leaders, group facilitators and class lecturers. In order to increase skills in teaching and scholarly activity, associates may utilize individual mentoring, classes, or seminars in which they learn effective teaching techniques, facilitation skills, research methodology and organizational skills.								
OST	OST	<b>OCOM</b>	<b>7930</b>	<b>Directed Studies in Pre-clinical Osteopathic Medicine</b>	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.								

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OST	OST	<b>OCOM</b>	<b>7940</b>	<b>Research and Scholarly Advancement Fellowship</b>	Research	1	0		I	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Permission required and Successful Completion of Year 1 Medical School Curriculum PR, F								
		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	<b>OCOM</b>	<b>8000</b>	<b>Osteopathic Primary Care Clerkship</b>	Clinical	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 3 or 4 Osteopathic Medical Student PR, F								
		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	<b>OCOM</b>	<b>8000</b>	<b>Osteopathic Primary Care Clerkship</b>	Lecture	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 3 or 4 Osteopathic Medical Student PR, F								
		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	<b>OCOM</b>	<b>8001</b>	<b>Osteopathic Family Medicine 1</b>	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.								
OST	OST	<b>OCOM</b>	<b>8005</b>	<b>Family Medicine</b>	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	<b>OCOM</b>	<b>8007</b>	<b>Longitudinal Integrated Clerkship 7</b>	Laboratory	4	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Heritage College students only 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	<b>OCOM</b>	<b>8008</b>	<b>Longitudinal Integrated Clerkship 8</b>	Laboratory	3	6		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Heritage College students only 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	<b>OCOM</b>	<b>8010</b>	<b>Family Medicine</b>	Clinical	8	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 3 or 4 Osteopathic Medical Student 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.								



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OST	OST	<b>OCOM</b>	<b>8015</b>	<b>General Internal Medicine</b>	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	<b>OCOM</b>	<b>8020</b>	<b>Emergency Medicine</b>	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	<b>OCOM</b>	<b>8025</b>	<b>Pediatric Medicine</b>	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	<b>OCOM</b>	<b>8030</b>	<b>Geriatric Medicine</b>	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.								
OST	OST	<b>OCOM</b>	<b>8035</b>	<b>Obstetrics and Gynecology</b>	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	<b>OCOM</b>	<b>8040</b>	<b>Pediatrics</b>	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	<b>OCOM</b>	<b>8045</b>	<b>Emergency Medicine</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
SORTED BY 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	<b>OCOM</b>	<b>8050</b>	<b>Women's Health</b>	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	<b>OCOM</b>	<b>8055</b>	<b>Psychiatric Medicine</b>	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	<b>OCOM</b>	<b>8060</b>	<b>Psychiatry</b>	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	<b>OCOM</b>	<b>8065</b>	<b>General Surgical Medicine</b>	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.								
OST	OST	<b>OCOM</b>	<b>8070</b>	<b>Palliative Care</b>	Clinical	2 to 4	4		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 3 or 4 Osteopathic Medical Student PR, F								
		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	<b>OCOM</b>	<b>8100</b>	<b>General Internal Medicine</b>	Clinical	8	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: PR, F								
		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	<b>OCOM</b>	<b>8101</b>	<b>Internal Medicine Subspecialty - Adolescent Medicine</b>	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	<b>OCOM</b>	<b>8102</b>	<b>Internal Medicine Subspecialty - Allergy/Immunology</b>	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  
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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	<b>OCOM</b>	<b>8103</b>	<b>Internal Medicine Subspecialty - Cardiology</b>	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	<b>OCOM</b>	<b>8104</b>	<b>Internal Medicine Subspecialty - Endocrinology</b>	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	<b>OCOM</b>	<b>8105</b>	<b>Internal Medicine Subspecialty - Gastroenterology</b>	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	<b>OCOM</b>	<b>8106</b>	<b>Internal Medicine Subspecialty - Geriatrics</b>	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	<b>OCOM</b>	<b>8107</b>	<b>Internal Medicine Subspecialty - Hematology</b>	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	<b>OCOM</b>	<b>8108</b>	<b>Internal Medicine Subspecialty - Hospital Medicine</b>	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	<b>OCOM</b>	<b>8109</b>	<b>Internal Medicine Subspecialty - Infectious Disease</b>	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.								

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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	<b>OCOM</b>	<b>8110</b>	<b>Internal Medicine Subspecialty - Nephrology</b>	Clinical	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:							
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8100), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology.								
OST	OST	<b>OCOM</b>	<b>8111</b>	<b>Internal Medicine Subspecialty - Oncology</b>	Clinical	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:							
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8100), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology.								
OST	OST	<b>OCOM</b>	<b>8112</b>	<b>Internal Medicine Subspecialty - Pulmonology</b>	Clinical	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:							
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8100), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology.								
OST	OST	<b>OCOM</b>	<b>8113</b>	<b>Internal Medicine Subspecialty - Rheumatology</b>	Clinical	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:							
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8100), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology.								
OST	OST	<b>OCOM</b>	<b>8114</b>	<b>Internal Medicine Subspecialty - Sports Medicine</b>	Clinical	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:							
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8100), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology.								
OST	OST	<b>OCOM</b>	<b>8115</b>	<b>Internal Medicine Subspecialty - Critical Care/ICU</b>	Clinical	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:							
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8100), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology.								
OST	OST	<b>OCOM</b>	<b>8116</b>	<b>Internal Medicine Subspecialty - General Internal Medicine</b>	Clinical	4 to 8	8		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, PR, F	REQUISITE:							
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8100), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology.								

**MASTER CURRICULUM FILE  
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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	<b>OCOM</b>	<b>8117</b>	<b>Internal Medicine Subspecialty Selective - House Nights</b>	Clinical	2	0		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 3 or 4 Osteopathic Medical Student PR, F								
		COURSE DESC:		After completing one required four-week rotation in General Internal Medicine (OCOM 8101), students must complete an additional eight weeks of internal medicine selectives. These selectives may consist of two-, three-, or four-week rotations in the following approved internal medicine specialties: adolescent medicine, gastroenterology, allergy and immunology, general internal medicine, oncology, cardiology, geriatrics, pulmonology, Critical Care/ICU, hematology, rheumatology, hospital medicine, sports medicine, endocrinology, infectious disease, or nephrology. The addition of an IM Subspecialty Selective in House Nights will allow students to complete a one-week rotation, working alongside the House Officer, whose job it is to admit patients overnight into the hospital while providing care to those already admitted.								
OST	OST	<b>OCOM</b>	<b>8118</b>	<b>Internal Medicine Subspecialty - Sleep Medicine</b>	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 internal medicine specialties approved by the American Board of Internal Medicine. Recently the board has added sleep medicine to the list of subspecialties for which they provide certification; Heritage College would like to add a course in Sleep Medicine to the rotations available to osteopathic medical students for IM selective rotations.								
OST	OST	<b>OCOM</b>	<b>8119</b>	<b>Internal Medicine Subspecialty - Hospice and Palliative Medicine</b>	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	<b>OCOM</b>	<b>8140</b>	<b>General Surgery</b>	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	<b>OCOM</b>	<b>8141</b>	<b>Selective Surgery - General Surgery</b>	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	<b>OCOM</b>	<b>8142</b>	<b>Selective Surgery - Ophthalmology</b>	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.								

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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	<b>OCOM</b>	<b>8143</b>	<b>Selective Surgery - Breast</b>	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	<b>OCOM</b>	<b>8144</b>	<b>Selective Surgery - Cardiothoracic</b>	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	<b>OCOM</b>	<b>8145</b>	<b>Selective Surgery - Neurological</b>	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	<b>OCOM</b>	<b>8146</b>	<b>Selective Surgery - Obstetrics and Gynecology</b>	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	<b>OCOM</b>	<b>8147</b>	<b>Selective Surgery - Oncologic</b>	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	<b>OCOM</b>	<b>8148</b>	<b>Selective Surgery - Orthopedics</b>	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	<b>OCOM</b>	<b>8149</b>	<b>Selective Surgery - Otorhinolaryngology</b>	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	<b>OCOM</b>	<b>8150</b>	<b>Selective Surgery - Plastic and Reconstructive</b>	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	<b>OCOM</b>	<b>8151</b>	<b>Selective Surgery - Proctology</b>	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	<b>OCOM</b>	<b>8152</b>	<b>Selective Surgery - Trauma</b>	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  
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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	<b>OCOM</b>	<b>8153</b>	<b>Selective Surgery - Urology</b>	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	<b>OCOM</b>	<b>8154</b>	<b>Selective Surgery - Vascular</b>	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	<b>OCOM</b>	<b>8200</b>	<b>Elective - Anesthesiology</b>	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	<b>OCOM</b>	<b>8201</b>	<b>Elective - Aerospace Medicine</b>	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	<b>OCOM</b>	<b>8202</b>	<b>Elective - Continuity in Primary Care: Longitudinal Integrated Clerkship</b>	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	<b>OCOM</b>	<b>8203</b>	<b>Elective - Cardiology</b>	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	<b>OCOM</b>	<b>8204</b>	<b>Elective - Cardiovascular, Vascular and Thoracic Surgery</b>	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.								

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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	<b>OCOM</b>	<b>8205</b>	<b>Elective - Dermatology</b>	Clinical	4 to 24	24		N	M60		0
		ELIGIBLE GRADES:		GEC5: CR, REQUISITE: Year 3 or 4 Osteopathic Medical Student PR, F								
		COURSE DESC:		This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.								
OST	OST	<b>OCOM</b>	<b>8206</b>	<b>Elective - Otorhinolaryngology</b>	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	<b>OCOM</b>	<b>8207</b>	<b>Elective - Emergency Medicine</b>	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	<b>OCOM</b>	<b>8208</b>	<b>Elective - Family Medicine</b>	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	<b>OCOM</b>	<b>8209</b>	<b>Elective - General Surgery</b>	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	<b>OCOM</b>	<b>8210</b>	<b>Elective - Hematology</b>	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	<b>OCOM</b>	<b>8211</b>	<b>Elective - General Internal Medicine</b>	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.								



**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>OCOM</b>	<b>8212</b>	<b>Elective - Neonatology</b>	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	<b>OCOM</b>	<b>8213</b>	<b>Elective - Nephrology</b>	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	<b>OCOM</b>	<b>8215</b>	<b>Elective - Nuclear Medicine</b>	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	<b>OCOM</b>	<b>8216</b>	<b>Elective - Obstetrics and Gynecology</b>	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	<b>OCOM</b>	<b>8217</b>	<b>Elective - Oncology</b>	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	<b>OCOM</b>	<b>8218</b>	<b>Elective - Ophthalmology</b>	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	<b>OCOM</b>	<b>8219</b>	<b>Elective - Osteopathic Manipulative Medicine</b>	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.								

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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	<b>OCOM</b>	<b>8220</b>	<b>Elective - Orofacial Plastic Surgery</b>	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	<b>OCOM</b>	<b>8221</b>	<b>Elective - Orthopedic Surgery</b>	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	<b>OCOM</b>	<b>8222</b>	<b>Elective - Laboratory Medicine/Pathology</b>	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	<b>OCOM</b>	<b>8223</b>	<b>Elective - Pediatrics</b>	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	<b>OCOM</b>	<b>8224</b>	<b>Elective - Physical Medicine and Rehabilitation</b>	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	<b>OCOM</b>	<b>8225</b>	<b>Elective - Proctology</b>	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	<b>OCOM</b>	<b>8226</b>	<b>Elective - Psychology</b>	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	<b>OCOM</b>	<b>8227</b>	<b>Elective - Pulmonary Medicine</b>	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	<b>OCOM</b>	<b>8228</b>	<b>Elective - Radiology</b>	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	<b>OCOM</b>	<b>8229</b>	<b>Elective - Rheumatology</b>	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	<b>OCOM</b>	<b>8230</b>	<b>Elective - Thoracic Surgery</b>	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	<b>OCOM</b>	<b>8231</b>	<b>Elective - Urology</b>	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	<b>OCOM</b>	<b>8232</b>	<b>Elective - Vascular Surgery</b>	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	<b>OCOM</b>	<b>8233</b>	<b>Elective - Maternal Fetal Medicine</b>	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.								

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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	<b>OCOM</b>	<b>8234</b>	<b>Elective - Bronchoesophagology</b>	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	<b>OCOM</b>	<b>8238</b>	<b>Elective - Trauma</b>	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	<b>OCOM</b>	<b>8239</b>	<b>Elective - Critical Care Medicine</b>	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	<b>OCOM</b>	<b>8240</b>	<b>Elective - Gastroenterology</b>	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	<b>OCOM</b>	<b>8241</b>	<b>Elective - Podiatry</b>	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	<b>OCOM</b>	<b>8242</b>	<b>Elective - Oral Surgery</b>	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	<b>OCOM</b>	<b>8243</b>	<b>Elective - Sports Medicine</b>	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	<b>OCOM</b>	<b>8244</b>	<b>Elective - Infectious Disease</b>	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	<b>OCOM</b>	<b>8245</b>	<b>Elective - Allergy/Immunology</b>	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	<b>OCOM</b>	<b>8246</b>	<b>Elective - Geriatric Medicine</b>	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	<b>OCOM</b>	<b>8247</b>	<b>Elective - Plastic/Reconstructive Surgery</b>	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	<b>OCOM</b>	<b>8248</b>	<b>Elective - Endocrinology</b>	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	<b>OCOM</b>	<b>8249</b>	<b>Elective - Otolaryngology</b>	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	<b>OCOM</b>	<b>8250</b>	<b>Elective - Sleep Medicine</b>	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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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
OST	OST	<b>OCOM</b>	<b>8251</b>	<b>Elective - Urgent Care</b>	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	<b>OCOM</b>	<b>8252</b>	<b>Elective - Acupuncture</b>	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	<b>OCOM</b>	<b>8253</b>	<b>Elective - Pain Management</b>	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	<b>OCOM</b>	<b>8254</b>	<b>Elective - Pharmacology</b>	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	<b>OCOM</b>	<b>8255</b>	<b>Elective - Dentistry</b>	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	<b>OCOM</b>	<b>8256</b>	<b>Elective - EKG Reading</b>	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	<b>OCOM</b>	<b>8257</b>	<b>Elective - Addiction Medicine</b>	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.								

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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	<b>OCOM</b>	<b>8258</b>	<b>Elective - Palliative Care</b>	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	<b>OCOM</b>	<b>8259</b>	<b>Elective - Wound Care</b>	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	<b>OCOM</b>	<b>8260</b>	<b>Elective - Psychiatry</b>	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	<b>OCOM</b>	<b>8261</b>	<b>Elective - Hospital Medicine</b>	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	<b>OCOM</b>	<b>8262</b>	<b>Elective - House Nights</b>	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	<b>OCOM</b>	<b>8263</b>	<b>Elective- Hematology/Oncology</b>	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	<b>OCOM</b>	<b>8264</b>	<b>Elective-Gynecology Surgery</b>	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  
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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	<b>OCOM</b>	<b>8265</b>	<b>Elective- Women's Health</b>	Clinical	4 to 24	24		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to OUCOM 3rd and 4th Year students PR, F							
				COURSE DESC:	This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.							
OST	OST	<b>OCOM</b>	<b>8266</b>	<b>Elective- Forensic Pathology</b>	Clinical	4 to 24	24		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to OUCOM 3rd and 4th Year students PR, F							
				COURSE DESC:	This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.							
OST	OST	<b>OCOM</b>	<b>8267</b>	<b>Elective - Gynecologic Oncology</b>	Clinical	4 to 24	24		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to OUCOM 3rd and 4th Year students PR, F							
				COURSE DESC:	This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.							
OST	OST	<b>OCOM</b>	<b>8268</b>	<b>Elective - Breast Surgery</b>	Clinical	4 to 24	24		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to OUCOM 3rd and 4th Year students PR, F							
				COURSE DESC:	This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.							
OST	OST	<b>OCOM</b>	<b>8269</b>	<b>Elective - Urogynecology</b>	Clinical	4 to 24	24		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to OUCOM 3rd and 4th Year students PR, F							
				COURSE DESC:	This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.							
OST	OST	<b>OCOM</b>	<b>8270</b>	<b>Elective - Humanistic Medicine</b>	Clinical	4 to 24	24		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to OUCOM 3rd and 4th Year students PR, F							
				COURSE DESC:	This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.							
OST	OST	<b>OCOM</b>	<b>8271</b>	<b>Elective - Neurosurgery</b>	Clinical	4 to 24	24		N	M60		0
				ELIGIBLE GRADES:	GEC5: CR, REQUISITE: Offered only to OUCOM 3rd and 4th Year students PR, F							
				COURSE DESC:	This course offers opportunities for the 3rd and 4th year student to attain knowledge and skill in one or more areas of special interest related to his/her development as a future osteopathic family physician. A limited number of rotations may be scheduled in one-week blocks (EKG reading, nuclear medicine, radiology, anesthesiology, laboratory medicine, podiatry, house nights, substance abuse, pain management, Osteopathic Manipulative Medicine, palliative care, pharmacy, ophthalmology, wound care, introduction to research); the remainder may be scheduled in 2 or more week blocks with the understanding that only a total of 12 weeks of elective rotations may be spent in any specialty except primary care (including family practice, general internal medicine and pediatrics), excluding the time spent in assigned rotations.							



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OST	OST	<b>OCOM</b>	<b>8272</b>	<b>Elective - Occupational Medicine</b>	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	<b>OCOM</b>	<b>8273</b>	<b>Elective - Pediatric Subspecialties</b>	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	<b>OCOM</b>	<b>8274</b>	<b>Elective - Conference</b>	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	<b>OCOM</b>	<b>8275</b>	<b>Elective - Bariatrics</b>	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	<b>OCOM</b>	<b>8276</b>	<b>Elective- Ultrasound</b>	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	<b>OCOM</b>	<b>8277</b>	<b>Elective - Health Policy Formation and Implementation</b>	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	<b>OCOM</b>	<b>8278</b>	<b>Elective - Student Health</b>	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.								

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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	<b>OCOM</b>	<b>8279</b>	<b>Elective - Lesbian, Gay, Bisexual, Transgender, Queer/Questioning Medicine</b>	Clinical	2 to 8	8		N	M60		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
OST	OST	<b>OCOM</b>	<b>8280</b>	<b>Elective in Osteopathic Medicine - Neurology</b>	Clinical	4 to 24	24		N	M60		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
OST	OST	<b>OCOM</b>	<b>8281</b>	<b>Elective in Pediatric/Adolescent Gynecology and Rural Obstetrics and Gynecology</b>	Clinical	4 to 24	24		N	M60		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
OST	OST	<b>OCOM</b>	<b>8282</b>	<b>Elective - Dermatology</b>	Laboratory	1 to 24	24		N	M60		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
OST	OST	<b>OCOM</b>	<b>8283</b>	<b>Elective - Medical and Surgical Specialties</b>	Clinical	2 to 16	32		N	M60		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
OST	OST	<b>OCOM</b>	<b>8300</b>	<b>Primary Care</b>	Clinical	8	0		N	M60		0
				ELIGIBLE GRADES:								
				COURSE DESC:								
OST	OST	<b>OCOM</b>	<b>8500</b>	<b>Elective Not for Credit</b>	Clinical	0	99		N	M60		0
				ELIGIBLE GRADES:								
				COURSE DESC:								

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OST	OST	<b>OCOM</b>	<b>8501</b>	<b>Defining Health Policy: History and Process in Government</b>	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	<b>OCOM</b>	<b>8502</b>	<b>Current Issues in Health Policy: Case-Based Instruction</b>	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	<b>OCOM</b>	<b>8503</b>	<b>Research Methods and Tools for Health Policy Development and Analysis</b>	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	<b>OCOM</b>	<b>8900</b>	<b>Special Topics in Osteopathic Medicine</b>	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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OST	OST	<b>OCOM</b>	<b>8911</b>	<b>Elective - Global Health</b>	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	<b>OCOM</b>	<b>8912</b>	<b>Elective - Academic Medicine</b>	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	<b>OCOM</b>	<b>8920</b>	<b>Health Care Management Clerkship</b>	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	<b>OCOM</b>	<b>8921</b>	<b>Elective - Academic Osteopathic Manipulative Medicine</b>	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	<b>OCOM</b>	<b>8925</b>	<b>Health Policy and Systems</b>	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	<b>OCOM</b>	<b>8930</b>	<b>Directed Studies in Osteopathic Medicine</b>	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	<b>OCOM</b>	<b>8931</b>	<b>Elective in EKG Reading - Self Study</b>	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	<b>OCOM</b>	<b>8940</b>	<b>Research Elective - Introduction to Research</b>	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  
SORTED BY 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	<b>OCOM</b>	<b>8941</b>	<b>Scholarly Work - Required Paper</b> 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	<b>OCOM</b>	<b>8942</b>	<b>Research Elective - Critical Literature Review</b> 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	<b>OCOM</b>	<b>8943</b>	<b>Research Elective - Case Based Study</b> 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	<b>OCOM</b>	<b>8944</b>	<b>Research Elective - Retrospective, Prospective, and Meta-Analysis Studies</b> 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	<b>OCOM</b>	<b>8945</b>	<b>Capstone Course for Dual Degree Medical Students</b> 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	<b>AST</b>	<b>1010</b>	<b>Introduction to the U.S. Air Force</b>	Lecture	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>AST</b>	<b>1010L</b>	<b>Leadership Laboratory</b>	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE:								
				AST 1010 concurrent								
				Provides a progression of experience to aid each individual's understanding of the Air Force and to develop teamwork, followership, and leadership skills.								
UNC	AST	<b>AST</b>	<b>1020</b>	<b>Air Force Missions</b>	Lecture	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>AST</b>	<b>1020L</b>	<b>Leadership Laboratory</b>	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE:								
				AST 1020 concurrent								
				Provides a progression of experience to aid each individual's understanding of the Air Force and to develop teamwork, followership, and leadership skills.								
UNC	AST	<b>AST</b>	<b>2010</b>	<b>History of Air Power</b>	Lecture	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>AST</b>	<b>2010L</b>	<b>Leadership Laboratory</b>	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE:								
				AST 2010 concurrent								
				Provides a progression of experience to aid each individual's understanding of the Air Force and to develop teamwork, followership, and leadership skills.								
UNC	AST	<b>AST</b>	<b>2020</b>	<b>Air Power Today</b>	Lecture	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>AST</b>	<b>2020L</b>	<b>Leadership Laboratory</b>	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE:								
				AST 2020 concurrent								
				Provides a progression of experience to aid each individual's understanding of the Air Force and to develop teamwork, followership, and leadership skills.								
UNC	AST	<b>AST</b>	<b>2900</b>	<b>Special Topics in Aerospace Studies</b>	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	AST	<b>AST</b>	<b>2910</b>	<b>Field Training</b>	Co-op	2	0		I	U30		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE:								
				Permission required								
				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	<b>AST</b>	<b>3010</b>	<b>Management Concepts and Practices I</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				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	<b>AST</b>	<b>3010L</b>	<b>Leadership Laboratory</b>	Laboratory	1	0		N	U30		0
		ELIGIBLE GRADES:		GEC6: CR,								
		COURSE DESC:		REQUISITE:								
				AST 3010 concurrent								
				Provides a progression of experience to aid each individual's understanding of the Air Force and to develop teamwork, followership, and leadership skills.								
UNC	AST	<b>AST</b>	<b>3020</b>	<b>Military Professionalism and Leadership Theory</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE:								
				AST 3010								
				Review of selected concepts, principles, and theories of management as applied in the Air Force. Continued development of communication and leadership skills.								

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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	<b>AST</b>	<b>3020L</b>	<b>Leadership Laboratory</b>	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	<b>AST</b>	<b>3910</b>	<b>Advanced Field Training</b>	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	<b>AST</b>	<b>4010</b>	<b>The Military and the American Society</b>	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	<b>AST</b>	<b>4010L</b>	<b>Leadership Laboratory</b>	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	<b>AST</b>	<b>4020</b>	<b>Strategy and the Use of Force: American Defense Policymaking</b>	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	<b>AST</b>	<b>4020L</b>	<b>Leadership Laboratory</b>	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	<b>AST</b>	<b>4900</b>	<b>Special Topics in Aerospace Studies</b>	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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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	MSC	<b>MSC</b>	<b>1010</b>	<b>Fundamental Military Leadership Concepts</b>	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	<b>MSC</b>	<b>1010L</b>	<b>Leadership Laboratory</b>	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	<b>MSC</b>	<b>1020</b>	<b>Fundamental Military Concepts and Basic Leadership</b>	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	<b>MSC</b>	<b>1020L</b>	<b>Leadership Laboratory</b>	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	<b>MSC</b>	<b>2010</b>	<b>Tactics and Leadership</b>	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	<b>MSC</b>	<b>2010L</b>	<b>Leadership Laboratory</b>	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	<b>MSC</b>	<b>2020</b>	<b>Advanced Military Leadership</b>	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	<b>MSC</b>	<b>2020L</b>	<b>Leadership Laboratory</b>	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	<b>MSC</b>	<b>2900</b>	<b>Special Topics in Military Science</b>	Lecture	1 to 15	999		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	CR						
		COURSE DESC:		Specific course content will vary with offering.								



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UNC	MSC	<b>MSC</b>	<b>2910</b>	<b>Leader's Training Course (LTC)</b>	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	<b>MSC</b>	<b>3010</b>	<b>Small Unit Leadership And Operations I</b>	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	<b>MSC</b>	<b>3010L</b>	<b>Advanced Leadership Laboratory</b>	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	<b>MSC</b>	<b>3020</b>	<b>Small Unit Leadership and Operations II</b>	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	<b>MSC</b>	<b>3020L</b>	<b>Advanced Leadership Laboratory</b>	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	<b>MSC</b>	<b>3910</b>	<b>Leader Development and Assessment Course</b>	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	<b>MSC</b>	<b>4010</b>	<b>Military Leadership, Management, and Ethics</b>	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	<b>MSC</b>	<b>4010L</b>	<b>Advanced Leadership Laboratory</b>	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.								

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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	MSC	<b>MSC</b>	<b>4020</b>	<b>Military Leadership, Management, Ethics, and Law</b>	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	<b>MSC</b>	<b>4020L</b>	<b>Advanced Leadership Laboratory</b>	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	<b>MSC</b>	<b>4900</b>	<b>Special Topics in Military Science</b>	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
				REQUISITE:								
				CR								
		COURSE DESC:		Specific course content will vary with offering.								
UNC	MSC	<b>MSC</b>	<b>4930</b>	<b>Special Problems</b>	Ind Study	4	0		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
				REQUISITE:								
				CR								
		COURSE DESC:		Provides continuing military education on individual basis. Provides advanced and specialized training depending upon needs of individual and department. Outcome goals will be developed by the professor of Military Science and the individual student based on the requirements of the program.								

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College	Dept	Subj	Cat #	Title	Component	Cred Hours	Repeat Hours	General Education	Perm	Subsidy Level	eLearn Options	Majors Set Aside
UNC	SPST	<b>SPST</b>	<b>4250</b>	<b>Senior Seminar</b>	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.								

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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	<b>CJ</b>	<b>2000</b>	<b>Introduction to Criminal Justice Studies</b>	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	<b>CJ</b>	<b>4800</b>	<b>Drugs, Crime, and Society</b>	Lecture	3	0	3	N	U30		50
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course examines the relationship between drug use and crime in American society. It serves as a synthesis of the abuse of drugs and the societal consequences in relation to crime and the criminal justice system. In this course students examine the attributes of the people who use drugs, the social dynamics that influence legality, and the norms and characteristics of the society in which the substance use occurs. We conduct an examination of drug use and crime at the micro, meso, and macro levels of analysis. In particular, students gain an understanding of the nexus between individual use, crime, and systematic violence tied to criminal organizations that sell and traffic drugs. Students move beyond U.S. borders and explore drug trafficking and global politics. Prevention, intervention, and treatment tactics used in the U.S. criminal justice system are explored and critiqued. Finally, public policy concerning drug related issues are examined.								
UNC	UNC	<b>LET</b>	<b>1000</b>	<b>Introduction to Law Enforcement Technology</b>	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	<b>LET</b>	<b>1050</b>	<b>Ethics and Legal Issues</b>	Lecture	3	0	2SS	N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Provides a fundamental base of knowledge concerning contemporary law enforcement ethical and legal issues such as use of force, corruption, professional behavior, code of ethics, ethical dilemmas, and historical cases of ethical misconduct.								
UNC	UNC	<b>LET</b>	<b>1100</b>	<b>Police Role in Crime and Delinquency</b>	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	<b>LET</b>	<b>1200</b>	<b>Constitution &amp; Criminal Law</b>	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	<b>LET</b>	<b>1350</b>	<b>Introduction to Corrections</b>	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	<b>LET</b>	<b>1450</b>	<b>Introduction to Criminalistics and Forensic Science</b>	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	<b>LET</b>	<b>1450</b>	<b>Introduction to Criminalistics and Forensic Science</b>	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.								

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UNC	UNC	<b>LET</b>	<b>1500</b>	<b>Police Operations</b>	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	<b>LET</b>	<b>1550</b>	<b>Management of a Correctional Crisis</b>	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.								
UNC	UNC	<b>LET</b>	<b>2000</b>	<b>Procedures, Rules, and Test of Evidence</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	LET 1200 for LET Majors						
		COURSE DESC:		Acquaints students with court system in Ohio, its functions, authority, and duties. Explains workings of all courts of record and provides description of mayor's courts which are only courts not of record in State of Ohio. Kinds and degrees of evidence. Admissibility of evidence in criminal court cases, materiality and competency of evidence. Distinction between admissions and confessions; exceptions to hearsay rule; types of evidence.								
UNC	UNC	<b>LET</b>	<b>2050</b>	<b>Introduction to Legal Issues in Corrections</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Provides a comprehensive discussion of the legal aspects of specific operational areas of corrections, such as prisoner rights under the constitution, health care, and right to an attorney, religion, privacy, and cruel or unusual punishment.								
UNC	UNC	<b>LET</b>	<b>2100</b>	<b>Introduction to Occupational Fraud Management</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Examines the major methods employees utilize to commit occupational fraud. Students learn the basic principles underlying occupational fraud including how to detect and deter fraud.								
UNC	UNC	<b>LET</b>	<b>2150</b>	<b>Cybernetics</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Examines the application and use of computers and/or automated systems for rapid storage and retrieval of information. Explores the types of electronic data processing systems and their compatibility with contemporary police operations. Introduction to the five Information Competency Principles to develop the skills necessary to achieve information competency. Students apply information competency to criminal justice research developing skills through library research, practice in MLA and APA documentation, and completing a research assignment 6-8 pages in length.								
UNC	UNC	<b>LET</b>	<b>2200</b>	<b>Court Procedures and Processes</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Case preparation, officer testimony and demeanor in court, effective preparation and presentation of criminal evidence, trial procedures, utilization of written notes, and reaction to cross examination.								
UNC	UNC	<b>LET</b>	<b>2250</b>	<b>Correctional Management &amp; Supervision</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Provides a detailed discussion of management and supervision within the corrections environment, including the nature of corrections supervision, basic management functions, performance appraisals, dealing with problem employees, and decision making.								
UNC	UNC	<b>LET</b>	<b>2300</b>	<b>Police Community Relations</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Nature of relationships between police and various segments of community; racial and/or ethnic minorities, news media, clergy, and youth explored. Historical reasons for present dilemma and suggested changes to alleviate these problems.								
UNC	UNC	<b>LET</b>	<b>2350</b>	<b>Introduction to Probation and Parole</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>LET</b>	<b>2400</b>	<b>Introduction to Computer Fraud</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>LET</b>	<b>2450</b>	<b>Law Enforcement Administration and Supervision</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	LET 1000						
		COURSE DESC:		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.								

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UNC	UNC	<b>LET</b>	<b>2500</b>	<b>Vice and Narcotic Control</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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.								
UNC	UNC	<b>LET</b>	<b>2600</b>	<b>Multicultural Policing: Cultural Perspectives in Criminal Justice</b>	Lecture	3	0	2CP	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	<b>LET</b>	<b>2650</b>	<b>Introduction to Criminal Investigation</b>	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	<b>LET</b>	<b>2750</b>	<b>Law Enforcement and the Deaf</b>	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	<b>LET</b>	<b>2800</b>	<b>Traffic Enforcement, Education, and Engineering</b>	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	<b>LET</b>	<b>2850</b>	<b>Contemporary Issues in Corrections</b>	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	<b>LET</b>	<b>2900</b>	<b>Special Topics in Law Enforcement Technology</b>	Lecture	1 to 15	999		N	U20		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.								
UNC	UNC	<b>LET</b>	<b>2901</b>	<b>Unarmed Self-Defense</b>	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	<b>LET</b>	<b>2908</b>	<b>Terrorism and Homeland Security</b>	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	<b>LET</b>	<b>2910</b>	<b>Internship in Criminal Justice</b>	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	<b>LET</b>	<b>3500</b>	<b>Criminalistics and Criminal Investigation for Forensic Chemists</b>	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.								

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UNC	UNC	LET	3500	<b>Criminalistics and Criminal Investigation for Forensic Chemists</b> 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.	Lecture	3	0		N	U30		0
UNC	UNC	LET	3550	<b>Criminal Justice Research Methods</b> 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.	Lecture	3	0		N	U30		0
UNC	UNC	LET	3555	<b>Quantitative Applications in Criminal Justice Research</b> 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.	Lecture	3	0		N	U30		0
UNC	UNC	LET	3600	<b>Chemistry and the Law</b> 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.	Lecture	3	0		N	U30		0
UNC	UNC	LET	4510	<b>Mass Murder in the United States of America: Implications for Criminal Justice</b> 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.	Lecture	3	0		N	U30		0
UNC	UNC	LET	4520	<b>Contemporary Issues in Criminal Justice Personnel Management</b> 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.	Lecture	3	0		N	U30		0
UNC	UNC	LET	4550	<b>Forensic Science Capstone</b> 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.	Lecture	3	0		N	U30		0
UNC	UNC	LET	4900	<b>Special Topics in Law Enforcement Technology</b> GEC3: A-F, REQUISITE: COURSE DESC: CR Specific course content will vary with offering.	Lecture	1 to 15	999		N	U30		0
UNC	UNC	LET	5500	<b>Criminalistics and Criminal Investigation for Forensic Chemists</b> 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.	Laboratory	3	0		N	U30		0
UNC	UNC	LET	5500	<b>Criminalistics and Criminal Investigation for Forensic Chemists</b> 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.	Lecture	3	0		N	U30		0

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COURSE LISTING  
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UNC	UNC	<b>LET</b>	<b>5600</b>	<b>Chemistry and the Law</b>	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	<b>OAT</b>	<b>1010</b>	<b>Fundamentals of Information Technologies</b>	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.								
UNC	UNC	<b>OAT</b>	<b>1210</b>	<b>Keyboarding I</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>OAT</b>	<b>1220</b>	<b>Keyboarding II</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	OTEC 1210 or 121						
		COURSE DESC:		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	<b>OAT</b>	<b>1420</b>	<b>Medical Terminology for Administrative Professionals</b>	Lecture	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>OAT</b>	<b>1430</b>	<b>Legal Terminology</b>	Lecture	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		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	<b>OAT</b>	<b>1710</b>	<b>Administrative Procedures</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Emphasizes the enhancement of office skills, best practices, and procedures as they relate to an administrative assistant in an office environment. General office routines including roles and responsibilities introduced as well as discussion of electronic and paper file systems.								
UNC	UNC	<b>OAT</b>	<b>1720</b>	<b>Medical Procedures</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Emphasizes the enhancement of office skills, best practices, and procedures as they relate to an administrative assistant in a medical office. Instruction on general medical office routines including roles and responsibilities as well as electronic and paper file systems are utilized.								
UNC	UNC	<b>OAT</b>	<b>1730</b>	<b>Legal Procedures</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Emphasizes the enhancement of office skills, best practices, and procedures as they relate to an administrative assistant in a legal office. Instruction on general law office routines including roles and responsibilities as well as electronic and paper file systems utilized.								
UNC	UNC	<b>OAT</b>	<b>1890</b>	<b>Independent Study</b>	Lecture	1 to 5	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Permission required						
		COURSE DESC:		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	<b>OAT</b>	<b>2000</b>	<b>Desktop Publishing</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	OTEC 1210 recommended						
		COURSE DESC:		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	<b>OAT</b>	<b>2210</b>	<b>Dictation and Transcription</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	OTEC 1210 or 121						
		COURSE DESC:		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	<b>OAT</b>	<b>2250</b>	<b>Applications in Word Processing</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	OTEC 1210 recommended						
		COURSE DESC:		Introduction to software applications in word processing with emphasis on professional communications.								



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UNC	UNC	<b>OAT</b>	<b>2260</b>	<b>Applications in Spreadsheets</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Introduction to software applications in spreadsheets with emphasis on professional communications.								
UNC	UNC	<b>OAT</b>	<b>2270</b>	<b>Applications in Presentations</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Introduction to software applications in presentations with emphasis on professional communications.								
UNC	UNC	<b>OAT</b>	<b>2280</b>	<b>Applications in Databases</b>	Lecture	3	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		Introduction to software applications in databases with emphasis on professional communications.								
UNC	UNC	<b>OAT</b>	<b>2300</b>	<b>Business Communications</b>	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	<b>OAT</b>	<b>2310</b>	<b>Business Calculations</b>	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	<b>OAT</b>	<b>2400</b>	<b>Medical Coding I</b>	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	<b>OAT</b>	<b>2401</b>	<b>Medical Coding II</b>	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	<b>OAT</b>	<b>2403</b>	<b>Medical Applications</b>	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	<b>OAT</b>	<b>2404</b>	<b>Health and Safety in the Medical Office</b>	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	<b>OAT</b>	<b>2580</b>	<b>Time Management</b>	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	<b>OAT</b>	<b>2630</b>	<b>Introduction to Paralegal Studies</b>	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	<b>OAT</b>	<b>2670</b>	<b>Office Supervision</b>	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	<b>OAT</b>	<b>2680</b>	<b>Information Systems Design</b>	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	<b>OAT</b>	<b>2681</b>	<b>Introduction to Business Analysis</b>	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.								

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UNC	UNC	<b>OAT</b>	<b>2682</b>	<b>Technical Business Writing</b>	Lecture	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>OAT</b>	<b>2683</b>	<b>Applications in Project Management</b>	Lecture	2	0		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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	<b>OAT</b>	<b>2800</b>	<b>Seminar</b>	Lecture	1 to 2	999		N	U20		0
		ELIGIBLE GRADES:		GEC1: A-F								
		COURSE DESC:		REQUISITE: 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.								
UNC	UNC	<b>OAT</b>	<b>2900</b>	<b>Special Topics</b>	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	<b>OAT</b>	<b>2910</b>	<b>Internship</b>	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	<b>OAT</b>	<b>2920</b>	<b>Practicum</b>	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	<b>REAL</b>	<b>1010</b>	<b>Real Estate Principles and Practices</b>	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	<b>REAL</b>	<b>1030</b>	<b>Real Estate Law</b>	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	<b>REAL</b>	<b>2010</b>	<b>Real Estate Appraising</b>	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	<b>REAL</b>	<b>2040</b>	<b>Real Estate Finance</b>	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	<b>REAL</b>	<b>2210</b>	<b>Real Estate--Special Topics</b>	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	<b>REAL</b>	<b>2900</b>	<b>Special Topics in Real Estate</b>	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	<b>SPST</b>	<b>4900</b>	<b>Special Topics in Specialized Studies</b>	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F,								
		COURSE DESC:		REQUISITE: CR Specific course content will vary with offering.								

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UNC	UNC	<b>SPST</b>	<b>4910</b>	<b>Internship</b>	Internship	1 to 15	15	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE: Permission required and BSS major							
		COURSE DESC:		Provides an internship experience for students in the Bachelor of Specialized Studies (B.S.S.) program.								
UNC	UNC	<b>SPST</b>	<b>4940H</b>	<b>Honors Thesis</b>	Research	1 to 4	12	BLD	I	U30		0
		ELIGIBLE GRADES:		GEC6: CR, PR, F	REQUISITE: Permission required and BSS major							
		COURSE DESC:		Work on research or creative project for thesis. Intended for students who plan to graduate with B.S.S. departmental honors.								
UNC	UNC	<b>T3</b>	<b>4955</b>	<b>Police Legitimacy and Community Relations</b>	Lecture	3	0	3	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	<b>TAS</b>	<b>3010</b>	<b>Introduction to Technical and Applied Studies</b>	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	<b>TAS</b>	<b>3110</b>	<b>Diversity, Ethics, and Collaboration</b>	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course covers components of developing healthy relationships particularly in the workplace. The course focuses on developing the individual as an ethical worker, on developing relationships with others to focus on teamwork, and on developing understanding of diversity in order to value the advantage it brings to work and life. In today's culturally diverse world, positive human interactions are key to success.								
UNC	UNC	<b>TAS</b>	<b>3210</b>	<b>Research for Technical and Applied Studies</b>	Lecture	3	0		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE: TAS 3010 and (ATCH 2090 or MATH 2500 or MATH 250 or PSY 1110 or 2110 or QBA 2010) and one Tier I English junior-level composition course							
		COURSE DESC:		This course emphasizes both an understanding of research methods and the development of the critical skills necessary to interpret and to convey research results. Students conduct a significant research proposal and demonstrate understanding of the importance of research to their careers.								
UNC	UNC	<b>TAS</b>	<b>4020</b>	<b>Creating a Work and Life Plan</b>	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	<b>TAS</b>	<b>4040</b>	<b>Ethics and Organizational Social Responsibility</b>	Lecture	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		The globalization of organizations along with greater advances in technology increases the complexity of ethical decision making. Every organization has the potential to impact society (positive or negative). This interface between organizations and society is the concern of organizational social responsibility (OSR). The purpose of this course is to explore the dynamics of this interface. The review provides the student with an opportunity to explore the positive and negative impacts these organizations have on our society and identify strategies to implement OSR.								
UNC	UNC	<b>TAS</b>	<b>4110</b>	<b>Leadership and Workplace Effectiveness</b>	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	<b>TAS</b>	<b>4140</b>	<b>Workplace Interactions in a Diverse Society</b>	Seminar	3	0		N	U30		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		In today's culturally diverse world, workplace success requires appreciating and understanding cultural differences. This course covers components of developing effective relationships in the cross cultural workplace and focuses on understanding cultural differences.								
UNC	UNC	<b>TAS</b>	<b>4240</b>	<b>Technology and Research in the Workforce</b>	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. Consideration is also given to addressing a technology induced problem in the workplace.								
UNC	UNC	<b>TAS</b>	<b>4340</b>	<b>Applied Leadership in the Workplace</b>	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.								

**MASTER CURRICULUM FILE  
COURSE LISTING  
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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	<b>TAS</b>	<b>4440</b>	<b>Collaboration in the Workplace</b>	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	<b>TAS</b>	<b>4510</b>	<b>Technical and Applied Studies Capstone Seminar</b>	Seminar	3	0	3; 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.								
UNC	UNC	<b>TAS</b>	<b>4900</b>	<b>Special Topics in Technical and Applies Studies</b>	Lecture	1 to 15	999		N	U30	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		CR Specific course content will vary with offering.								
UNC	UNC	<b>UC</b>	<b>D998</b>	<b>College Reading Skills</b>	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	<b>UC</b>	<b>1000</b>	<b>Mastering the University Experience</b>	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	<b>UC</b>	<b>1050</b>	<b>College Information Seeking Skills</b>	Seminar	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC4: A-F,	REQUISITE:	Fr or Soph						
		COURSE DESC:		CR, PR 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	<b>UC</b>	<b>1060</b>	<b>Academic Computing Skills</b>	Laboratory	1	0		N	U10		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Fr only						
		COURSE DESC:		PR, F 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 ( <a href="http://www.iste.org/AM/Template.cfm?Section=NETS">http://www.iste.org/AM/Template.cfm?Section=NETS</a> ).								
UNC	UNC	<b>UC</b>	<b>1070</b>	<b>College Student Finances</b>	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	<b>UC</b>	<b>1100</b>	<b>Learning Strategies</b>	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	<b>UC</b>	<b>1101</b>	<b>Time Management and Test Taking Skills</b>	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	<b>UC</b>	<b>1102</b>	<b>Notetaking from Lectures and Textbooks</b>	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.								

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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	<b>UC</b>	<b>1500</b>	<b>Student Transition Seminar</b>	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	<b>UC</b>	<b>1900</b>	<b>Learning Community Seminar</b>	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.								
UNC	UNC	<b>UC</b>	<b>2030</b>	<b>Credit for Work Experience: Portfolio Development</b>	Seminar	3	0		I	U10	CORRESPOND	0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Permission required from eLearning OHIO and ENG 1510						
		COURSE DESC:		CR	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	<b>UC</b>	<b>2100</b>	<b>Academic Achievement &amp; Student Engagement</b>	Seminar	2	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:							
		COURSE DESC:		This course guides students to clarify their academic and professional interests. This is accomplished through a combination of seminar style discussion and reflection activities. In addition, students gain and develop a set of skills, tools and practices intended to support students in being agents of change in their respective communities.								
UNC	UNC	<b>UC</b>	<b>2120</b>	<b>Theories &amp; Praxis of Civic Engagement &amp; Leadership</b>	Seminar	3	0		N	U10		0
		ELIGIBLE GRADES:		GEC1: A-F	REQUISITE:	Soph or Jr or Sr						
		COURSE DESC:		This course focuses on understanding leadership, civic engagement and social change in the global, national and local contexts. We utilize the loci of our identities to frame the meaning we derive from leadership and civic engagement.								
UNC	UNC	<b>UC</b>	<b>2900</b>	<b>Special Topics in University College</b>	Lecture	1 to 15	999		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:							
		COURSE DESC:		CR	Specific course content will vary with offering.							
UNC	UNC	<b>UC</b>	<b>3690</b>	<b>Bobcat Student Orientation Theory and Practice</b>	Lecture	1 to 2	6		I	U10		0
		ELIGIBLE GRADES:		GEC6: CR,	REQUISITE:	Permission required						
		COURSE DESC:		PR, F	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	<b>UP</b>	<b>1901</b>	<b>University Professor</b>	Lecture	3	9		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Fr or Soph						
		COURSE DESC:		CR	Title and requisite in Course Offerings.							
UNC	UNC	<b>UP</b>	<b>1901N</b>	<b>University Professor</b>	Lecture	3	9		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Fr or Soph						
		COURSE DESC:		CR	Title and requisites available in Course Offerings.							
UNC	UNC	<b>UP</b>	<b>1901S</b>	<b>University Professor</b>	Lecture	3	6		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Fr or Soph						
		COURSE DESC:		CR	Title and requisites available in Course Offerings.							
UNC	UNC	<b>UP</b>	<b>1901U</b>	<b>University Professor</b>	Lecture	3	9		N	U10		0
		ELIGIBLE GRADES:		GEC3: A-F,	REQUISITE:	Fr or Soph						
		COURSE DESC:		CR	Title and requisites available in Course Offerings.							

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UNC	UNC	<b>UP</b>	<b>2900</b>	<b>Special Topics in University Professor</b>	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content will vary with offering.								
UNC	UNC	<b>UP</b>	<b>4900</b>	<b>Special Topics in University Professor</b>	Lecture	1 to 15	999		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: CR								
		COURSE DESC:		Specific course content will vary with offering.								
UNC	UNC	<b>UP</b>	<b>4901</b>	<b>University Professor</b>	Lecture	3	9		N	U30		0
		ELIGIBLE GRADES:		GEC3: A-F, REQUISITE: Jr or Sr CR								
		COURSE DESC:		Title and requisite in Course Offerings.								
UNC	UNC	<b>UP</b>	<b>4901N</b>	<b>University Professor</b>	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	<b>UP</b>	<b>4901S</b>	<b>University Professor</b>	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	<b>UP</b>	<b>4901U</b>	<b>University Professor</b>	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.								